

The logo for GERDA, featuring the brand name in a bold, white, sans-serif font with a registered trademark symbol (®) to the upper right, set against a dark blue rectangular background.

**GERDA®**

zamki drzwi bramy

A close-up photograph of a light-colored wooden door handle, showing the natural wood grain and a smooth finish.

catalogue

A decorative graphic element consisting of three horizontal stripes in blue, red, and yellow colors.

DOORS

A close-up photograph of a modern, silver-colored door handle and lock mechanism mounted on a grey door with a vertical wood grain texture.

to houses to flats

A close-up photograph of a wooden door with a wavy, organic pattern in a light brown color.

[www.gerda.pl](http://www.gerda.pl)



# ABOUT THE COMPANY

GERDA is a company having experience in the production of the anti-burglar door, locks and fittings above 25 years. The team of excellent engineers, unique, innovative and patented solutions and the rich, most modern production infrastructure being in a few production units in Poland assures highest, quality guaranteed of offered products.

Door leaves of all models and frames are produced at modern production units situated in Starachowice.



Locks and door shields of door plate to all models of the offered door through GERDA are produced in a production unit being located in Sokółów near Warsaw.



Elements of locks, to fix the metal fittings and the production instrumentation for remaining units is being produced at production units having an own stamping press Gerda Hydomat S.A. in Warsaw. At production units belonging to the Gerda group Hydomat S.A. an instrumentation and parts are being produced to the biggest products of world producers among others of home appliances equipment (Siemens, Electrolux, Bosch), whether automotive (BMW, Mercedes, Volvo).



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# DOORS TO FLATS

## Panel door

Panel doors are made of wood-based materials. Decorative coverings are mounted on both sides to steel door construction forming door box structure and additional reinforcement and muting whole structure.

Gerda offer diversity of designs and colours panels giving a lot of flexibility in the arrangement and the possibility of individualization.

The method of fixing panels to the door box structure allows for easy dismantling and replacement in case of damage or change the arrangement without the need for costly replacement of all doors.









By using panels the door has greater rigidity and resistance to burglary and improved performance acoustic insulation. As standard panels door are fitted in the main lock and additional lock having the highest class of burglary resistance.

### PREMIUM PANEL DOOR

1. Door leaf thickness 82 mm
2. Excellent acoustical qualities (special sound-absorbing board)
3. Increased rigidity and resistance of the door leaf relative to the STANDARD door.
4. Reinforced locks in relation to the STANDARD door.
5. 30% thicker bolts
6. Designs and colours
7. Double sealing of the door leaf and the frame
8. Additional brush seal
9. Modern, durable and warm "Norwegian" threshold in several attractive colours
10. Attractive design of fittings and door handles
11. Protected top shield
12. Possibility of combining two different design and colours on one door leaf (inside / outside) and two-colour frames

### STANDARD PANEL DOOR

1. Door leaf thickness 62 mm
2. Good acoustical qualities
3. Designs and colours
4. Double sealing of the door leaf and the frame
5. Possibility of combining two different design and colours on one door leaf (inside / outside)

	Door model	Page	Technical parameters of the panel door							
										
PREMIUM panel door	SX 10	12	82	47	C	4	●	14	–	–
	CX 10	14	82	42	C	3	●	9	–	–
	WX 10	16	82	42	–	2	–	6	–	–
STANDARD panel door	SX 10	18	62	35	C	4	●	15	–	–
	CX 10	20	62	35	C	3	●	9	–	–
	WX 10	22	62	34	–	2	–	6	–	–
	CPX (S)	20	62	39	C	3	●	9	EI <sub>2</sub> 30	Sa, SM
	WPX (S)	22	62	34	–	2	–	6	EI <sub>2</sub> 30	Sa, SM



## Metal door

Over 25 years of experience, an efficient team of engineers and designers, as well as unique patented solutions guarantee high product quality and safety of use.













Gerda door are characterised by solid construction and high quality materials used in their production. Because of that, the door of the GERDA brand perfectly fulfill their function.

### PREMIUM METAL DOOR

1. Door leaf thickness 60mm.
2. Excellent acoustic (sound-absorbing board in the door leaf construction).
3. Increased rigidity and resistance door leaf relative to the STANDARD door.
4. Reinforced locks in relation to the STANDRAD door.
5. 30% thicker bolts.
6. Double sealing door leaf and frame.
7. Modern, stronger and warmer "Norwegian" threshold, color consistent with the door.
8. Protected upper shield.
9. Varied design and colours.

### STANDARD METAL DOOR

1. Door leaf thickness 48 mm
2. Good acoustic performance
3. Proven, stable and durable door leaf construction

	Door model	Page	Technical parameters of the metal door						
									
PREMIUM metal door	S	25	60	43	C	4		14	–
	C	26	60	40	C	3		9	–
	WD	28	60	40	–	2	–	6	–
STANDARD metal door	S	30	48	32	C	4		15	–
	C	32	48	32	C	3		9	–
	WD	34	48	31	–	2	–	6	–
	CP 30 (S)	32	48	35	C	3		9	EI <sub>2</sub> 30
	WP 30 (S)	34	48	34	–	2	–	6	EI <sub>2</sub> 30

### DESCRIPTION

-  Door leaf thickness (mm)
-  Ratio insulation acoustic (required min 27 dB)
-  Burglary resistance class to burglary according to Polish norm PN-90/B-92270
-  Burglary resistance class to burglary according to European norm PN-EN 1627
-  Multipoint Central lock
-  Point bolts q'ties
-  Fire classification
-  Smokeproof classification

RHE

Door model	Page
SX 10	12
CX 10	14
WX 10	16



version one or two-colour

RHF

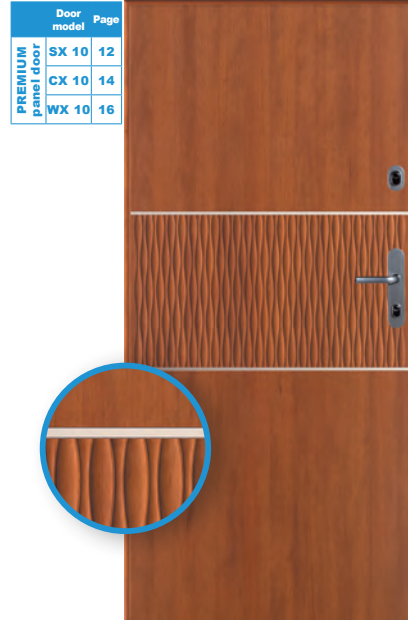
Door model	Page
SX 10	12
CX 10	14
WX 10	16



version one or two-colour

RHG

Door model	Page
SX 10	12
CX 10	14
WX 10	16



version one or two-colour

RHH

Door model	Page
SX 10	12
CX 10	14
WX 10	16



RHK

Door model	Page
SX 10	12
CX 10	14
WX 10	16



RHL

Door model	Page
SX 10	12
CX 10	14
WX 10	16



RHT

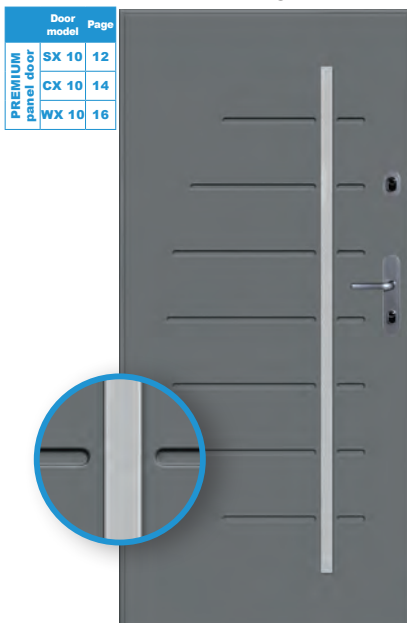
Door model	Page
SX 10	12
CX 10	14
WX 10	16



version one or two-colour

RLS

Door model	Page
SX 10	12
CX 10	14
WX 10	16



P79

Door model	Page
SX 10	12
CX 10	14
WX 10	16





P80



Door model	Page
PREMIUM panel door SX 10	12
CX 10	14
WX 10	16

P85



Door model	Page
PREMIUM panel door SX 10	12
CX 10	14
WX 10	16

P89



Door model	Page
PREMIUM panel door SX 10	12
CX 10	14
WX 10	16

P86



Door model	Page
PREMIUM panel door SX 10	12
CX 10	14
WX 10	16

P87



Door model	Page
PREMIUM panel door SX 10	12
CX 10	14
WX 10	16

P88



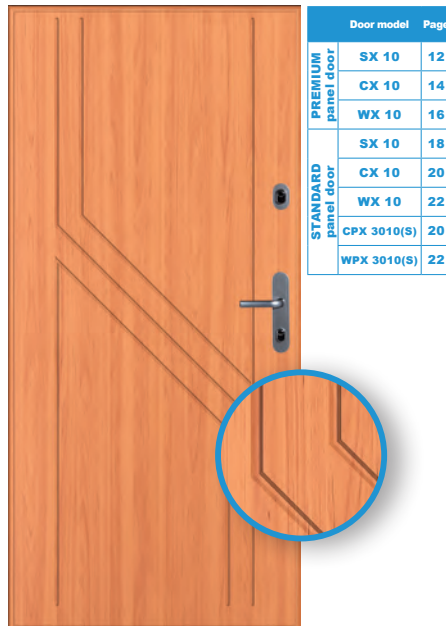
Door model	Page
PREMIUM panel door SX 10	12
CX 10	14
WX 10	16

P90



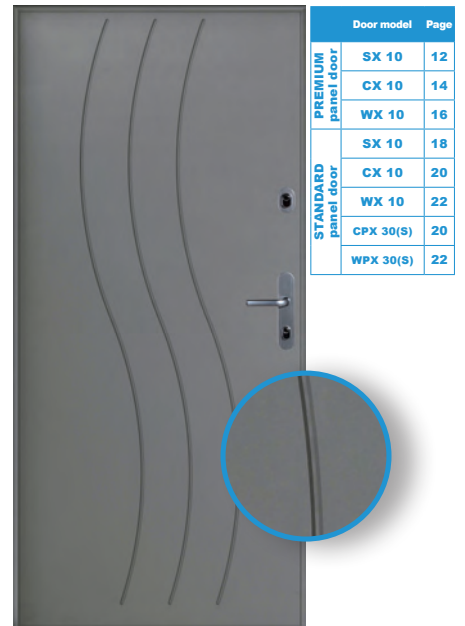
Door model	Page
PREMIUM panel door SX 10	12
CX 10	14
WX 10	16

VA1



Door model	Page
PREMIUM panel door SX 10	12
CX 10	14
WX 10	16
STANDARD panel door SX 10	18
CX 10	20
WX 10	22
CPX 3010(S)	20
WPX 3010(S)	22

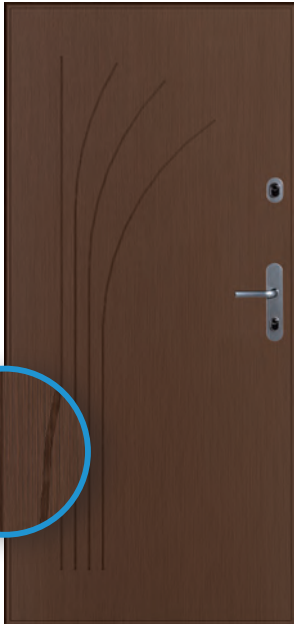
VA2



Door model	Page
PREMIUM panel door SX 10	12
CX 10	14
WX 10	16
STANDARD panel door SX 10	18
CX 10	20
WX 10	22
CPX 30(S)	20
WPX 30(S)	22

VA3

	Door model	Page
PREMIUM panel door	SX 10	12
	CX 10	14
	WX 10	16
STANDARD panel door	SX 10	18
	CX 10	20
	WX 10	22
	CPX 3010(S)	20
	WPX 3010(S)	22



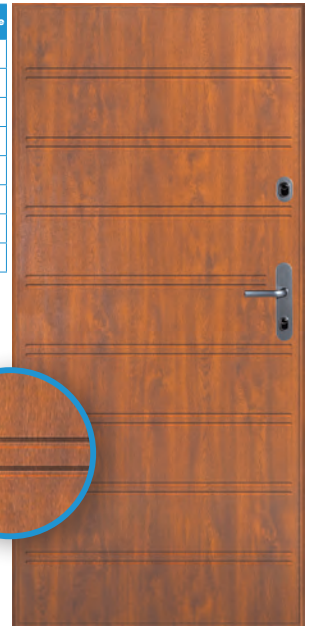
VA4

	Door model	Page
PREMIUM panel door	SX 10	12
	CX 10	14
	WX 10	16
STANDARD panel door	SX 10	18
	CX 10	20
	WX 10	22
	CPX 3010(S)	20
	WPX 3010(S)	22



VA5

	Door model	Page
PREMIUM panel door	SX 10	12
	CX 10	14
	WX 10	16
STANDARD panel door	SX 10	18
	CX 10	20
	WX 10	22
	CPX 3010(S)	20
	WPX 3010(S)	22



VA8

	Door model	Page
PREMIUM panel door	SX 10	12
	CX 10	14
	WX 10	16
STANDARD panel door	SX 10	18
	CX 10	20
	WX 10	22
	CPX 3010(S)	20
	WPX 3010(S)	22



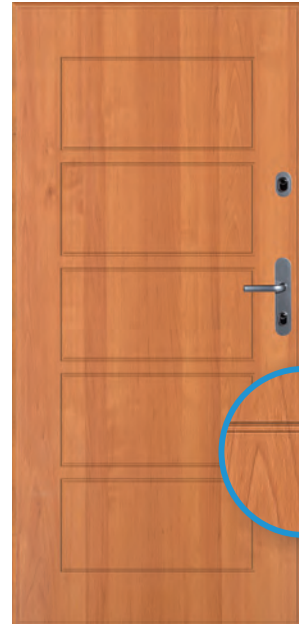
VA9

	Door model	Page
PREMIUM panel door	SX 10	12
	CX 10	14
	WX 10	16
STANDARD panel door	SX 10	18
	CX 10	20
	WX 10	22
	CPX 3010(S)	20
	WPX 3010(S)	22



VB1

	Door model	Page
PREMIUM panel door	SX 10	12
	CX 10	14
	WX 10	16
STANDARD panel door	SX 10	18
	CX 10	20
	WX 10	22
	CPX 3010(S)	20
	WPX 3010(S)	22



VB2

	Door model	Page
PREMIUM panel door	SX 10	12
	CX 10	14
	WX 10	16
STANDARD panel door	SX 10	18
	CX 10	20
	WX 10	22
	CPX 3010(S)	20
	WPX 3010(S)	22



RH4V

	Door model	Page
PREMIUM panel door	SX 10	12
	CX 10	14
	WX 10	16
STANDARD panel door	SX 10	18
	CX 10	20
	WX 10	22
	CPX 3010(S)	20
	WPX 3010(S)	22



RH5H

	Door model	Page
PREMIUM panel door	SX 10	12
	CX 10	14
	WX 10	16
STANDARD panel door	SX 10	18
	CX 10	20
	WX 10	22
	CPX 3010(S)	20
	WPX 3010(S)	22





R09



Door model			Page
PREMIUM panel door	SX 10		12
	CX 10		14
	WX 10		16
STANDARD panel door	SX 10		18
	CX 10		20
	WX 10		22
	CPX 3010(S)		20
	WPX 3010(S)		22



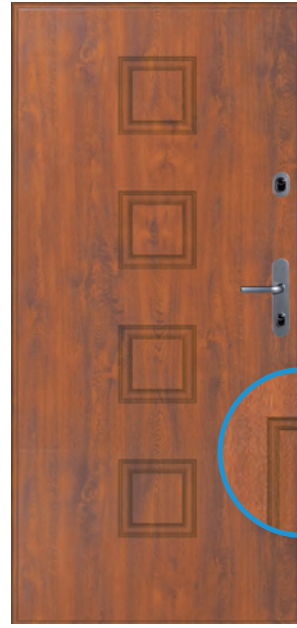
R13



Door model			Page
PREMIUM panel door	SX 10		12
	CX 10		14
	WX 10		16
STANDARD panel door	SX 10		18
	CX 10		20
	WX 10		22
	CPX 3010(S)		20
	WPX 3010(S)		22



R20



Door model			Page
PREMIUM panel door	SX 10		12
	CX 10		14
	WX 10		16
STANDARD panel door	SX 10		18
	CX 10		20
	WX 10		22
	CPX 3010(S)		20
	WPX 3010(S)		22



R46

Door model			Page
PREMIUM panel door	SX 10		12
	CX 10		14
	WX 10		16
STANDARD panel door	SX 10		18
	CX 10		20
	WX 10		22
	CPX 3010(S)		20
	WPX 3010(S)		22



R52

Door model			Page
PREMIUM panel door	SX 10		12
	CX 10		14
	WX 10		16
STANDARD panel door	SX 10		18
	CX 10		20
	WX 10		22
	CPX 3010(S)		20
	WPX 3010(S)		22



R53

Door model			Page
PREMIUM panel door	SX 10		12
	CX 10		14
	WX 10		16
STANDARD panel door	SX 10		18
	CX 10		20
	WX 10		22
	CPX 3010(S)		20
	WPX 3010(S)		22



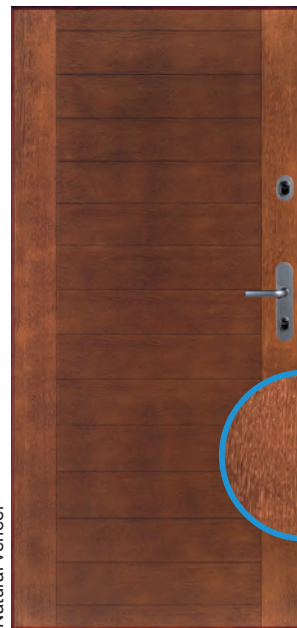
R91



Door model			Page
PREMIUM panel door	SX 10		12
	CX 10		14
	WX 10		16
STANDARD panel door	SX 10		18
	CX 10		20
	WX 10		22
	CPX 3010(S)		20
	WPX 3010(S)		22



N03M



Door model			Page
PREMIUM panel door	SX 10		12
	CX 10		14
	WX 10		16
STANDARD panel door	SX 10		18
	CX 10		20
	WX 10		22
	CPX 3010(S)		20
	WPX 3010(S)		22



Natural veneer

N01V



Door model			Page
PREMIUM panel door	SX 10		12
	CX 10		14
	WX 10		16
STANDARD panel door	SX 10		18
	CX 10		20
	WX 10		22
	CPX 3010(S)		20
	WPX 3010(S)		22



Natural veneer

N02H

Door model			Page
PREMIUM panel door	SX 10		12
	CX 10		14
	WX 10		16
STANDARD panel door	SX 10		18
	CX 10		20
	WX 10		22
	CPX 3010(S)		20
	WPX 3010(S)		22



Natural veneer

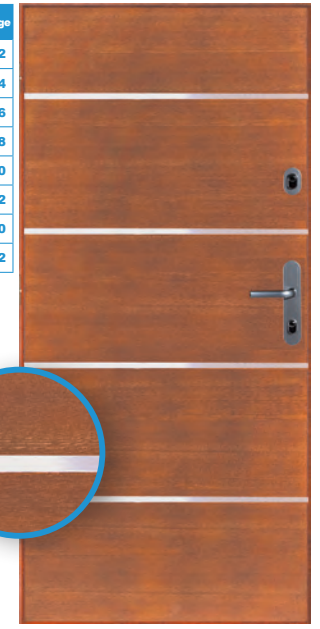
NL2V

Door model			Page
PREMIUM panel door	SX 10		12
	CX 10		14
	WX 10		16
STANDARD panel door	SX 10		18
	CX 10		20
	WX 10		22
	CPX 3010(S)		20
	WPX 3010(S)		22



Natural veneer

Door model			Page
PREMIUM panel door	SX 10		12
	CX 10		14
	WX 10		16
STANDARD panel door	SX 10		18
	CX 10		20
	WX 10		22
	CPX 3010(S)		20
	WPX 3010(S)		22



Natural veneer

NL2M

Door model			Page
PREMIUM panel door	SX 10		12
	CX 10		14
	WX 10		16
STANDARD panel door	SX 10		18
	CX 10		20
	WX 10		22
	CPX 3010(S)		20
	WPX 3010(S)		22



Natural veneer

RLA

Door model			Page
PREMIUM panel door	SX 10		12
	CX 10		14
	WX 10		16
STANDARD panel door	SX 10		18
	CX 10		20
	WX 10		22
	CPX 3010(S)		20
	WPX 3010(S)		22



RLB

Door model			Page
PREMIUM panel door	SX 10		12
	CX 10		14
	WX 10		16
STANDARD panel door	SX 10		18
	CX 10		20
	WX 10		22
	CPX 3010(S)		20
	WPX 3010(S)		22



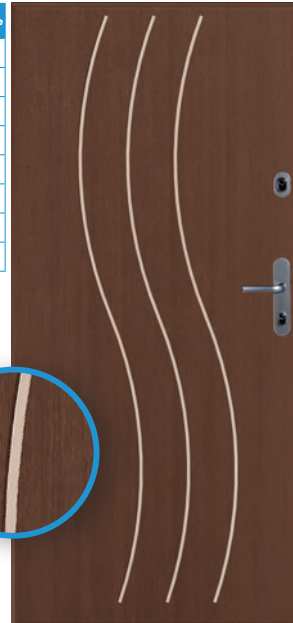
RLC

Door model			Page
PREMIUM panel door	SX 10		12
	CX 10		14
	WX 10		16
STANDARD panel door	SX 10		18
	CX 10		20
	WX 10		22
	CPX 3010(S)		20
	WPX 3010(S)		22



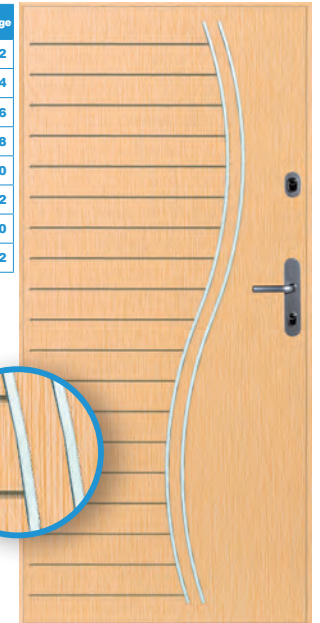
RLD

Door model			Page
PREMIUM panel door	SX 10		12
	CX 10		14
	WX 10		16
STANDARD panel door	SX 10		18
	CX 10		20
	WX 10		22
	CPX 3010(S)		20
	WPX 3010(S)		22



RLE

Door model			Page
PREMIUM panel door	SX 10		12
	CX 10		14
	WX 10		16
STANDARD panel door	SX 10		18
	CX 10		20
	WX 10		22
	CPX 3010(S)		20
	WPX 3010(S)		22

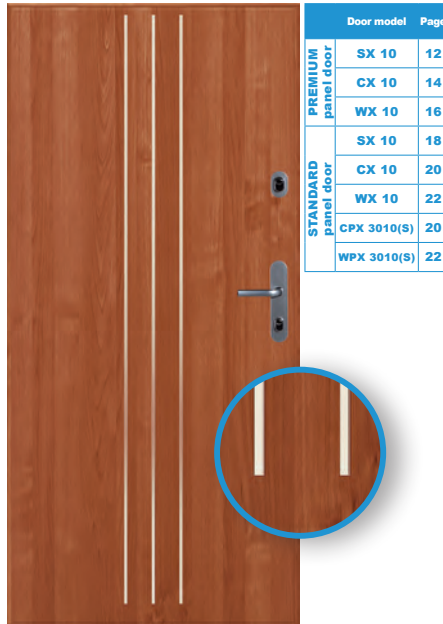




RLF



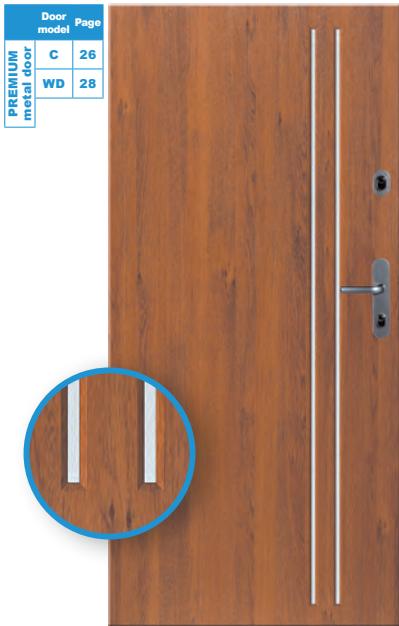
RLH



R00/W00



TMM TOKIO 2



W13



Not available pattern in size 80N.

TRS ROSANO



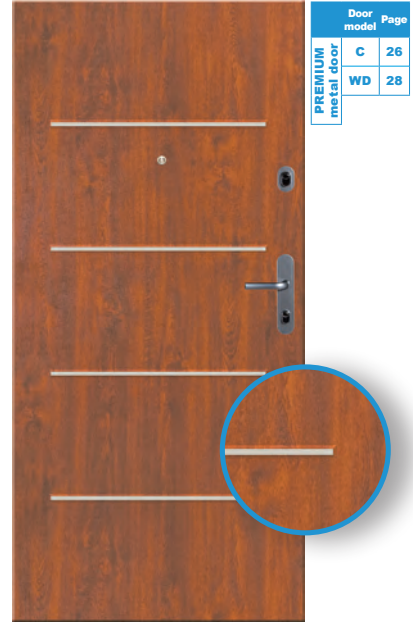
TRN MERANO



TML TOKIO 1



TNS SIENA 4





### DOOR USES

Security doors with a unique central lock for use as the main entrance doors to flats in multi-family buildings of highest risk of burglary, equipped as standard with a steel frame with a gasket. The door leaf sandwich structure with steel core box, complete truss made of steel channel sections and moving hardened steel bars and the double-sided removable a decorative panel. The rim of the door leaf made of aluminum with thermal break, provides protection against wear door edge and the possibility to exchange facings panel and profiles in case of damage. Inside the door leaf used a special sound-absorbing board with very good insulating and acoustic parameters.

Safe door leaf structure equipped with a unique central locking certified by eleven bold, moving the bars on the perimeter the door leaf, controlled by a patented insert RIM6000 more than 4 billion combination key code and additional lock in high class resistance.

### TECHNICAL PARAMETERS

- door leaf thickness 82 mm
- door leaf with reinforced strap and seal for better insulation values
- steel core of the door leaf made of galvanized steel sheet, protected layer of varnish against corrosion
- the door leaf filling up with polyurethane foam CFC free, self-extinguishing higher density
- special sound-absorbing board with very good insulating and acoustic parameters
- in the door leaf construction is a complete truss made of steel channel sections and moving hardened steel bars (thicker)
- the door leaf is equipped with the central lock with eleven moving bolts on the outer edge of the door leaf and additional lock
- 30% thicker bolts relative to the STANDARD door
- double door seal around the outer edge provided by gasket in the door leaf, frame and threshold
- frame made of sheet steel, galvanized 1.5 mm thickness laminated in the door leaf colour
- stable frame with a width of 116mm mounted by internal supports (concealed mounting points)
- the door leaf and frame equipped with steel reinforcement brackets at the point of attachment hinges
- adjustable reinforced triple hinges for adjusting the door at many levels and matching the door leaf and the frame
- possibility of ordering the door leaf shortened by up to 100 mm
- facing panels made of composite wood-based high-end covered with a wood laminate or varnished
- possibility of exchanging facing panel and aluminium fixing profiles in the case of damage of the door or changing the arrangement
- all bolt holes in the frame are secured aesthetic plastic inserts
- the bottom edge of the door leaf is secured by closing slat
- adjustable hook latch of the door handle
- possibility to use electromagnetic latch to all types of frames

### SAFETY

- the highest resistance to burglary RC4 class according to PN-EN 1627 and C class according to PN-90 / B-92270
- the door leaf equipped with controlled central locking (insert Gerda RIM 6000) with twelve movable locking bolts on the outer edge of the door leaf and additional multipoint lock in the highest burglary resistance
- solid anti-breaking bolts mounted in steel reinforcing brackets
- three adjustable safety hinges protected from disassembling **7 C**
- steel fillister of the door leaf reinforced of the aluminium profile
- steel core of the door leaf made of sheet steel and reinforced hardened steel bars
- both certified shields have burglary protection inserts
- door limiter can be installed optional to all models door
- insert (Gerda RIM 6000) of the main lock has the highest security class **6 2 C**
- insert with the knob of additional lock has high protection class **5 1 B**
- possibility of ordering upper insert with knob with additional assembly key in the highest security class **6 2 C**

### FRAMES, THRESHOLDS

- in the standard available three frame profiles with a gasket to allow installation of doors adapted to the specificities of the mounting hole and accessories (assembly portals)
- frames available in colour compatible with the colour of the door leaf - Page 56-57
- possibility of ordering two-colours frame at extra charge
- wooden Norwegian thresholds with the gasket in four colours (height 19mm or 35mm)
- wooden oaken thresholds with the gasket (height 19mm or 35mm)
- metal thresholds with the gasket (height 19mm or 35mm)

### FUNCTIONALITY AND DESIGN

- facing panel of door leaves made using the multipass milling are deep, distinct pattern
- available 48 models of facing panels in 29 wooden and uniform colours
- possibility of ordering of the door leaf in two-colours or with different patterns in standard price
- possibility of ordering two-colours frame at extra charge
- aluminium profiles on the outer edge of the door leaf reinforcing structures and enabling the exchange of facings panels
- door hinges protected with aluminium caps in fittings colour



Solid anti-breaking bolts



Auxiliary upper lock (thicker bolts)



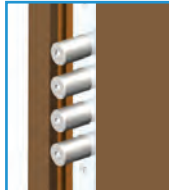
Covers holes of the frame



Additional upper lock



Anti-breaking cover of the central lock



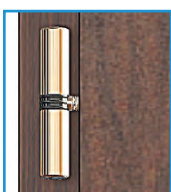
Central lock (thicker bolts)



Adjusted hinges



Auxiliary bottom lock (thicker bolts)



Protective caps on hinges



Moving bolts on the hinge side of the door leaf



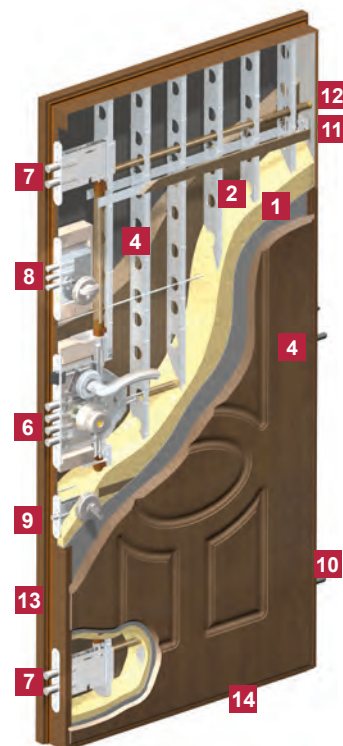
**12 TON**



**SX 10**

## DOOR LEAF STRUCTURE

1. steel core of the door leaf made of galvanized steel sheet, varnished
2. insulation material - polyurethane foam CFC free, self-extinguishing higher density
3. special sound-absorbing board with very good insulating and acoustic parameters
4. removable composite panel facing wood-based decorative laminated veneer or varnished
5. steel ribs and hardened steel rods: thicker
6. central lock
7. auxiliary lock (bottom, upper)
8. additional lock (upper)
9. door limiter (optional equipment)
10. adjusted hinges
11. solid anti-breaking bolts
12. movable horizontal bolt of hinge side
13. aluminium side profiles and fillister seal
14. closing slat



## STANDARD EQUIPMENT - IN THE PRICE DOOR

- steel door leaf with facings panel and aluminium side profiles
- main lock ZW 6000 **7 C** with auxiliary lock and horizontal bolts on the hinge side
- additional lock ZW550 **7 C**
- solid anti-breaking bolts
- reinforced triple-locked hinges with blocking of disassembly and aluminium caps
- the door leaf fillister seal
- steel frame with seal (optional profiles FA SL PREMIUM, FR SL PREMIUM, FT SL PREMIUM)
- adjustable latch hook in the frame
- wooden Norwegian usable threshold with seal (19 mm or 35 mm) or stainless warm threshold PERFOTHERM® with seal (19 mm or 32 mm)

## OPTIONAL EQUIPMENT - EXTRA CHARGE

- fittings - page 38
- additional fittings - page 40-43
- installation threshold of frames: FA SL PREMIUM, FR SL PREMIUM, FT SL PREMIUM
- steel frame with seal in two-colour version
- built-in electromagnetic latch

**4 billion key combinations**

**47dB**

According to the report research

**NORMS**

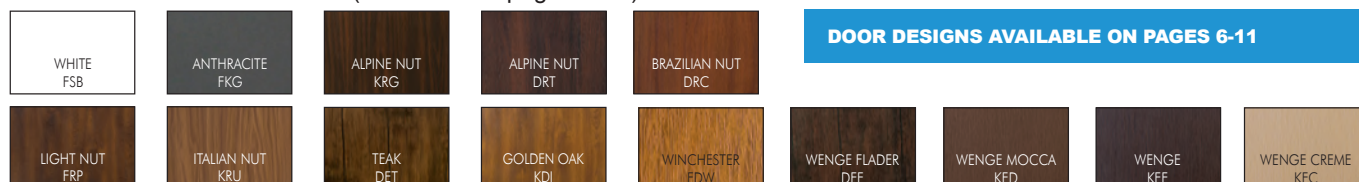
	<b>mortise lock</b>	security and resistance class to drilling according to PN-EN 12209
min	1 2 3 4 5 6 7	max
	<b>inserts to locks</b>	attack resistance class according to PN-EN 1303
min	0 1 2	max
min	1 2 3 4 5 6	max
<b>Insert and mortise locks</b>		burglary resistance class according to KT/402/IMP/2009 (for inserts) according to KT/401/IMP/2009 (for mortise locks)
min	T A B C	max

## AVAILABLE DOOR SIZES



Size 100E extra charge 15% to the door set price

## SELECTED DOORS COLOUR (full colour on page 46-47)



## DOOR DESIGNS AVAILABLE ON PAGES 6-11



### DOOR USES

Security doors with a central lock for use as the main entrance doors to flats in multi-family buildings with increased risk of burglary, equipped as standard with a steel frame with a gasket. The door leaf sandwich structure with steel core box, additionally reinforced bars arranged in layers and mutual removable facing panels. The rim of the door leaf made of aluminum with a break insulation provides protection against wear door edge and the possibility to exchange facings panel and profiles in case of damage. Inside the door leaf used a special sound-absorbing board with very good insulating and acoustic parameters. Safe the door leaf structure equipped with central locking with six bold, moving bolts and additional lock with the highest resistance class creates a product that provides a high degree of safety combined with aesthetic performance and good functionality.

### TECHNICAL PARAMETERS

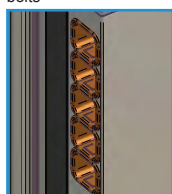
- door leaf thickness 82 mm
- door leaf with reinforced strap and seal for better insulation values
- steel core of the door leaf made of galvanized steel sheet, protected layer of varnish against corrosion
- the door leaf filling up with polyurethane foam CFC free, self-extinguishing higher density
- special sound-absorbing board with very good insulating and acoustic parameters
- in the door leaf construction is a hardened steel rods: layered, thicker
- the door leaf is equipped with the central lock with six moving bolts on the outer edge of the door leaf and additional lock
- 30% thicker bolts relative to the STANDARD door
- double door seal around the outer edge provided by gasket in the door leaf, frame and threshold
- frame made of sheet steel, galvanized 1.5 mm thickness laminated in the door leaf colour
- stable frame with a width of 116mm mounted by internal supports (concealed mounting points)
- the door leaf and frame equipped with steel reinforcement brackets at the point of attachment hinges
- adjustable reinforced triple hinges for adjusting the door at many levels and matching the door leaf and the frame
- possibility of ordering the door leaf shortened by up to 100 mm
- facing panels made of composite wood-based high-end covered with a wood laminate or varnished
- possibility of exchanging facing panel and aluminum fixing profiles in the case of damage of the door or changing the arrangement
- all bolt holes in the frame are secured aesthetic plastic inserts
- the bottom edge of the door leaf is secured by closing slat
- adjustable hook latch of the door handle
- possibility to use electromagnetic latch to all types of frames



Solid anti-breaking bolts



Vertical bolt



Covers holes of the frame



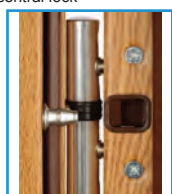
Additional upper lock



Anti-breaking cover of the central lock



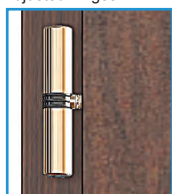
Central lock (thicker bolts)



Adjusted hinges



Auxiliary bottom lock (thicker bolts)



Protective caps on hinges

### SAFETY

- the highest resistance to burglary RC3 class according to PN-EN 1627 and C class according to PN-90 / B-92270
- the door leaf equipped with controlled central locking (insert rack and pinion) with six movable locking bolts and separate multipoint lock
- both locks in the highest burglary resistance **7 C**
- solid anti-breaking bolts mounted in steel reinforcing brackets
- three adjustable safety hinges protected from disassembling
- steel fillister of the door leaf reinforced of the aluminium profile
- steel core of the door leaf made of sheet steel and reinforced hardened steel bars
- both certified shields have burglary protection inserts
- door limiter can be installed optional to all models door
- insert of the main lock (insert rack and pinion) with assembly has the highest security class **6 2 C**
- insert with the knob of additional lock has high protection class **5 1 B**
- possibility of ordering upper insert with knob with additional assembly key in the highest security class **6 2 C**

### FRAMES, THRESHOLDS

- in the standard available three frame profiles with a gasket to allow installation of doors adapted to the specificities of the mounting hole and accessories (assembly portals)
- frames available in colour compatible with the colour of the door leaf - Page 56-57
- possibility of ordering two-colours frame at extra charge
- wooden Norwegian thresholds with the gasket in four colours (height 19mm or 35mm)
- wooden oaken thresholds with the gasket (height 19mm or 35mm)
- metal thresholds with the gasket (height 19mm or 35mm)

### FUNCTIONALITY AND DESIGN

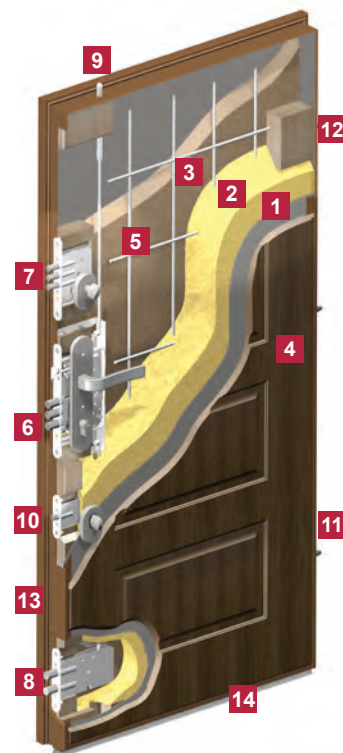
- facing panel of door leaves made using the multipass milling are deep, distinct pattern
- available 48 models of facing panels in 29 wooden and uniform colours
- possibility of ordering of the door leaf in two-colours or with different patterns in standard price
- possibility of ordering two-colours frame at extra charge
- handles and shields available in four colours
- aluminium profiles on the outer edge of the door leaf reinforcing structures and enabling the exchange of facings panels
- door hinges protected with aluminium caps in fittings colour





## DOOR LEAF STRUCTURE

1. steel core of the door leaf made of galvanized steel sheet, varnished
2. insulation material - polyurethane foam CFC free, self-extinguishing higher density
3. special sound-absorbing board with very good insulating and acoustic parameters
4. removable composite panel facing wood-based decorative laminated veneer or varnished
5. hardened steel rods: layered, thicker
6. central lock
7. additional lock (upper)
8. auxiliary lock (bottom)
9. vertical bolt
10. door limiter (optional equipment)
11. adjusted hinges
12. solid anti-breaking bolts
13. aluminum side profiles and fillister seal
14. closing slat



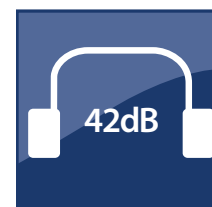
## STANDARD EQUIPMENT - IN THE PRICE DOOR

- steel door leaf with facings panel and aluminium side profiles
- main lock ZW 3000 (7C class) **7 C**
- additional lock ZW550 (7C class) **7 C**
- solid anti-breaking bolts
- reinforced triple-locked hinges with blocking of disassembly and aluminium caps
- the door leaf fillister seal
- steel frame with seal (optional profiles FA SL PREMIUM, FR SL PREMIUM, FT SL PREMIUM)
- adjustable latch hook in the frame
- wooden Norwegian usable threshold with seal (19 mm or 35 mm) or stainless threshold with seal (19 mm or 32 mm)

## OPTIONAL EQUIPMENT - EXTRA CHARGE

- page 38 fittings
- page 40-43 additional fittings
- installation threshold of frames: FA SL PREMIUM, FR SL PREMIUM, FT SL PREMIUM - 16 zł
- steel frame with seal in two-colour version
- built-in electromagnetic latch

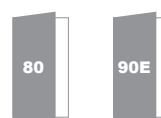
**Bolts thicker by 30%**



According to the report research

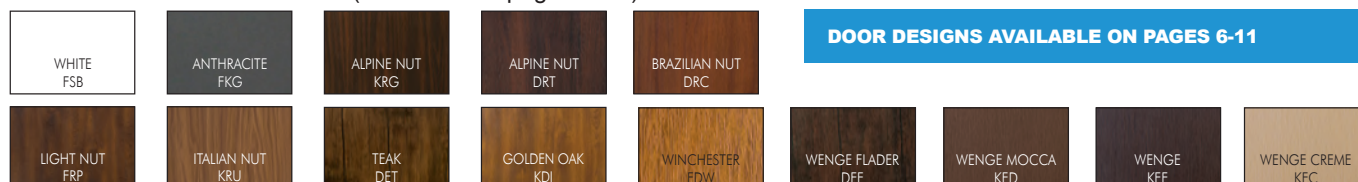
<b>NORMS</b>		mortise lock	security and resistance class to drilling according to PN-EN 12209
	min	1 2 3 4 5 6 7	max
		inserts to locks	attack resistance class according to PN-EN 1303 key code security class according to PN-EN 1303
min	0 1 2	max	
min	1 2 3 4 5 6	max	
	Insert and mortise locks	burglary resistance class according to KT/402/IMP/2009 (for inserts) according to KT/401/IMP/2009 (for mortise locks)	
min	T A B C	max	

## AVAILABLE DOOR SIZES

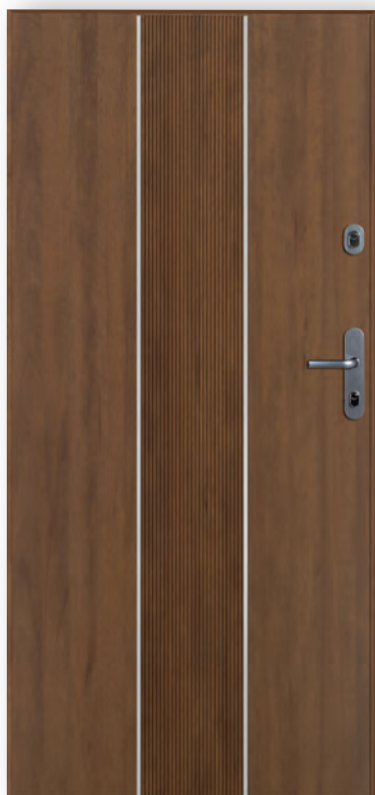


Size 100E extra charge 15% to the door set price

## SELECTED DOORS COLOUR (full colour on page 46-47)



## DOOR DESIGNS AVAILABLE ON PAGES 6-11



### DOOR USES

Security doors to be used as the main entrance doors to flats in multi-family housing medium hazard burglary, equipped as standard with a steel frame with a gasket. The door leaf sandwich structure with steel core box reinforced rods of hardened steel and the double-sided removable facings panel. The rim of the door leaf made of aluminum with thermal break, provides protection against wear door edge and the possibility to exchange facings panel and profiles in case of damage. Inside the leaf used a special sound-absorbing board with very good insulating and acoustic parameters.

### TECHNICAL PARAMETERS

- door leaf thickness 82 mm
- door leaf with reinforced strap and seal for better insulation values
- steel core of the door leaf made of galvanized steel sheet, protected layer of varnish against corrosion
- insulation material - the ecological foamed EPS polystyrene higher density
- special sound-absorbing board with very good insulating and acoustic parameters
- in the door leaf construction is a hardened steel bars (thicker)
- 30% thicker bolts relative to the STANDARD door
- double door seal around the outer edge provided by gasket in the door leaf, frame and threshold
- frame made of sheet steel, galvanized 1.5 mm thickness laminated in the door leaf colour
- stable frame with a width of 116mm mounted by internal supports (concealed mounting points)
- the door leaf and frame equipped with steel reinforcement brackets at the point of attachment hinges
- adjustable reinforced triple hinges for adjusting the door at many levels and matching the door leaf and the frame
- possibility of ordering the door leaf shortened by up to 100 mm
- facing panels made of composite wood-based high-end covered with a wood laminate or varnished
- possibility of exchanging facing panel and aluminium fixing profiles in the case of damage of the door or changing the arrangement
- all bolt holes in the frame are secured aesthetic plastic inserts
- the bottom edge of the door leaf is secured by closing slot
- adjustable hook latch of the door handle
- possibility to use electromagnetic latch to all types of frames



Solid anti-breaking bolts



Additional upper lock



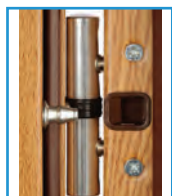
Covers holes of the frame



Central lock (thicker bolts)



Anti-breaking cover of the central lock



Adjusted hinges



Protective caps on hinges

### SAFETY

- high resistance to burglary RC2N class according to PN-EN 1627
- the door leaf equipped with two separate multipoint locks
- both locks in the highest burglary resistance **7 C**
- solid anti-breaking bolts mounted in steel reinforcing brackets
- three adjustable safety hinges protected from disassembling
- steel fillister of the door leaf reinforced of the aluminium profile
- steel core of the door leaf made of sheet steel and reinforced hardened steel bars
- both certified shields have burglary protection inserts
- door limiter can be installed optional to all models door
- insert of the main lock with assembly key has the highest security class **6 2 C**
- insert with the knob of additional lock has high protection class **5 1 B**
- possibility of ordering upper insert with knob with additional assembly key in the highest security class **6 2 C**

### FRAMES, THRESHOLDS

- in the standard available three frame profiles with a gasket to allow installation of doors adapted to the specificities of the mounting hole and accessories (assembly portals)
- frames available in colour compatible with the colour of the door leaf - Page 56-57
- possibility of ordering two-colours frame at extra charge
- wooden Norwegian thresholds with the gasket in four colours (height 19mm or 35mm)
- wooden oaken thresholds with the gasket (height 19mm or 35mm)
- metal thresholds with the gasket (height 19mm or 35mm)

### FUNCTIONALITY AND DESIGN

- facing panel of door leaves made using the multipass milling are deep, distinct pattern
- available 48 models of facing panels in 29 wooden and uniform colours
- possibility of ordering of the door leaf in two-colours or with different patterns in standard price
- possibility of ordering two-colours frame at extra charge
- handles and shields available in four colours
- aluminium profiles on the outer edge of the door leaf reinforcing structures and enabling the exchange of facings panels
- door hinges protected with aluminium caps in fittings colour





## DOOR LEAF STRUCTURE

1. steel core of the door leaf made of galvanized steel sheet, varnished
2. insulation material - the ecological foamed EPS polystyrene higher density
3. special sound-absorbing board with very good insulating and acoustic parameters
4. removable composite panel facing wood-based decorative laminated veneer or varnished
5. hardened steel rods: thicker
6. central lock
7. additional lock (upper)
8. door limiter (optional equipment)
9. adjusted hinges
10. solid anti-breaking bolts
11. aluminium side profiles and fillister seal
12. closing slat



## STANDARD EQUIPMENT - IN THE PRICE DOOR

- steel door leaf with facings panel and aluminium side profiles
- main lock ZW 1000 (7C class) **7 C**
- additional lock ZW550 (7C class) **7 C**
- solid anti-breaking bolts
- reinforced triple-locked hinges with blocking of disassembly and aluminium caps
- the door leaf fillister seal
- steel frame with seal (optional profiles FA SL PREMIUM, FR SL PREMIUM, FT SL PREMIUM)
- adjustable latch hook in the frame
- wooden Norwegian usable threshold with seal (19 mm or 35 mm) or stainless threshold with seal (19 mm or 32 mm)

**Bolts thicker by 30%**

## OPTIONAL EQUIPMENT - EXTRA CHARGE

- fittings - page 38
- additional fittings - page 40-43
- installation threshold of frames: FA SL PREMIUM, FR SL PREMIUM, FT SL PREMIUM
- steel frame with seal in two-colour version
- built-in electromagnetic latch



According to the report research

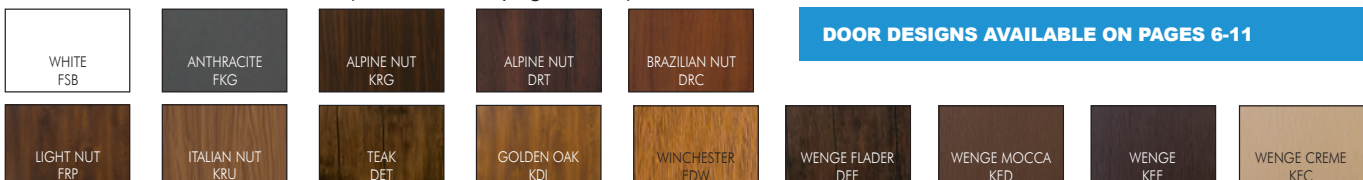
<b>NORMS</b>		mortise lock	security and resistance class to drilling according to PN-EN 12209
		min 1 2 3 4 5 6 7 max	
		inserts to locks	attack resistance class according to PN-EN 1303
	min 0 1 2 max		key code security class according to PN-EN 1303
	min 1 2 3 4 5 6 max		
	min T A B C max	Insert and mortise locks	burglary resistance class according to KT/402/IMP/2009 (for inserts) according to KT/401/IMP/2009 (for mortise locks)

## AVAILABLE DOOR SIZES



Size 100E extra charge 15% to the door set price

## SELECTED DOORS COLOUR (full colour on page 46-47)



## DOOR DESIGNS AVAILABLE ON PAGES 6-11



## DOOR USES

Security doors with a unique central lock for use as the main entrance doors to flats in multi-family buildings of highest risk of burglary, equipped as standard with a steel frame with a gasket. The door leaf sandwich structure with steel core box, complete truss made of steel channel sections and moving hardened steel bars and the double-sided removable a decorative panel. The rim of the door leaf made of aluminum with thermal break, provides protection against wear door edge and the possibility to exchange facings panel and profiles in case of damage. Safe door leaf structure equipped with a unique central locking certified by eleven bold, moving the bars on the perimeter the door leaf, controlled by a patented insert RIM6000 more than 4 billion combination key code and additional lock in high class resistance.

## TECHNICAL PARAMETERS

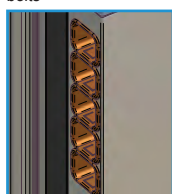
- door leaf thickness 62 mm
- door leaf with reinforced strap and seal for better insulation values
- steel core of the door leaf made of galvanized steel sheet, protected layer of varnish against corrosion
- the door leaf filling up with polyurethane foam CFC free, self-extinguishing higher density
- in the door leaf construction is a complete truss made of steel channel sections and moving hardened steel bars
- the door leaf is equipped with the central lock with twelve moving bolts on the outer edge of the door leaf and additional lock
- double door seal around the outer edge provided by gasket in the door leaf, frame and threshold
- frame made of sheet steel, galvanized 1.5 mm thickness laminated in the door leaf colour
- stable frame with a width of 116mm mounted by internal supports (concealed mounting points)
- the door leaf and frame equipped with steel reinforcement brackets at the point of attachment hinges
- adjustable reinforced triple hinges for adjusting the door at many levels and matching the door leaf and the frame
- possibility of ordering the door leaf shortened by up to 100 mm
- facing panels made of composite wood-based high-end covered with a wood laminate or varnished
- possibility of exchanging facing panel and aluminium fixing profiles in the case of damage of the door or changing the arrangement
- all bolt holes in the frame are secured aesthetic plastic inserts
- the bottom edge of the door leaf is secured by closing slat
- adjustable hook latch of the door handle
- possibility to use electromagnetic latch to all types of frames



Solid anti-breaking bolts



Auxiliary upper lock



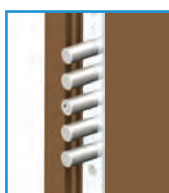
Covers holes of the frame



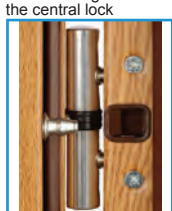
Additional upper lock



Anti-breaking cover of the central lock



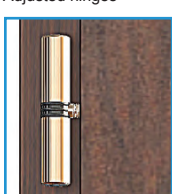
Central lock



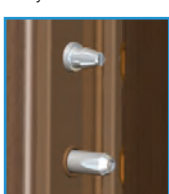
Adjusted hinges



Auxiliary bottom lock



Protective caps on hinges



Moving bolts on the hinge side of the door

## SAFETY

- the highest resistance to burglary RC4 class according to PN-EN 1627 and C class according to PN-90 / B-92270
- the door leaf equipped with controlled central locking (insert Gerda RIM 6000) with twelve movable locking bolts on the outer edge of the door leaf and additional multipoint lock in the highest burglary resistance **7 C**
- solid anti-breaking bolts mounted in steel reinforcing brackets
- three adjustable safety hinges protected from disassembling
- steel fillister of the door leaf reinforced of the aluminium profile
- steel core of the door leaf made of sheet steel and reinforced hardened steel bars
- both certified shields have burglary protection inserts
- door limiter can be installed optional to all models door
- insert (Gerda RIM 6000) of the main lock has the highest security class **6 2 C**
- insert with the knob of additional lock has high protection class **5 1 B**
- possibility of ordering upper insert with knob with additional assembly key in the highest security class **6 2 C**

## FRAMES, THRESHOLDS

- in the standard available three frame profiles with a gasket to allow installation of doors adapted to the specificities of the mounting hole and accessories (assembly portals)
- frames available in colour compatible with the colour of the door leaf - Page 56-57
- possibility of ordering two-colours frame at extra charge
- wooden Norwegian thresholds with the gasket in four colours (height 19mm or 35mm)
- wooden oaken thresholds with the gasket (height 19mm or 35mm)
- metal thresholds with the gasket (height 19mm or 35mm)

## FUNCTIONALITY AND DESIGN

- facing panel of door leaves made using the multipass milling are deep, distinct pattern
- available 32 models of facing panels in 29 wooden and uniform colours
- possibility of ordering of the door leaf in two-colours or with different patterns in standard price
- possibility of ordering two-colours frame at extra charge
- aluminium profiles on the outer edge of the door leaf reinforcing structures and enabling the exchange of facings panels
- door hinges protected with aluminium caps in fittings colour



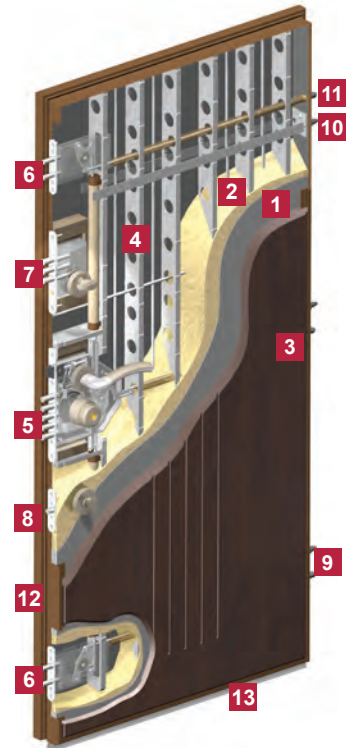
**12 TON**



**SX 10**

## DOOR LEAF STRUCTURE

1. steel core of the door leaf made of galvanized steel sheet, varnished
2. insulation material - polyurethane foam CFC free, self-extinguishing higher density
3. removable composite panel facing wood-based decorative laminated veneer or varnished
4. steel ribs and hardened steel rods
5. central lock
6. auxiliary lock (bottom, upper)
7. additional lock (upper)
8. door limiter (optional equipment)
9. adjusted hinges
10. solid anti-breaking bolts
11. movable horizontal bolt of hinge side
12. aluminium side profiles and fillister seal
13. closing slat



## STANDARD EQUIPMENT - IN THE PRICE DOOR

- steel door leaf with facings panel and aluminium side profiles
- main lock ZW 6000 (7C class) **7 C** with auxiliary lock and horizontal bolts on the hinge side
- additional lock ZW550 (7C class) **7 C**
- solid anti-breaking bolts
- reinforced triple-locked hinges with blocking of disassembly and aluminium caps
- the door leaf fillister seal
- steel frame with seal (optional profiles FA SL, FR SL, FT SL)
- adjustable latch hook in the frame
- wooden oak usable threshold with seal (19 mm or 35 mm) or stainless threshold with seal (19 mm or 32 mm)



**4 billion key combinations**

## OPTIONAL EQUIPMENT - EXTRA CHARGE

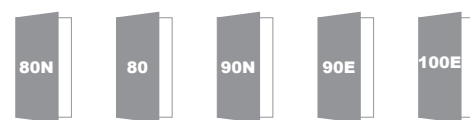
- fittings - page 38
- additional fillings - page 40-43
- NORWEGIAN wooden usable threshold with seal and aluminium cap
- installation threshold of frames: FA SL, FR SL, FT SL
- steel frame with seal in two-colour version
- built-in electromagnetic latch



According to the report research

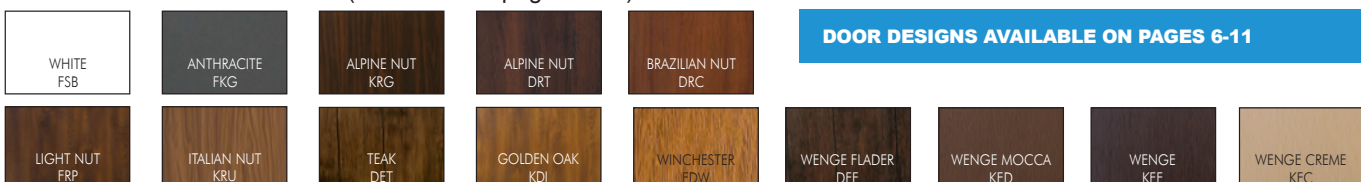
<b>NORMS</b>		mortise lock	security and resistance class to drilling according to PN-EN 12209
	min	1 2 3 4 5 6 7	max
		inserts to locks	attack resistance class according to PN-EN 1303 key code security class according to PN-EN 1303
min	0 1 2	max	
min	1 2 3 4 5 6	max	
	Insert and mortise locks	burglary resistance class according to KT/402/IMP/2009 (for inserts) according to KT/401/IMP/2009 (for mortise locks)	
min	T A B C	max	

## AVAILABLE DOOR SIZES

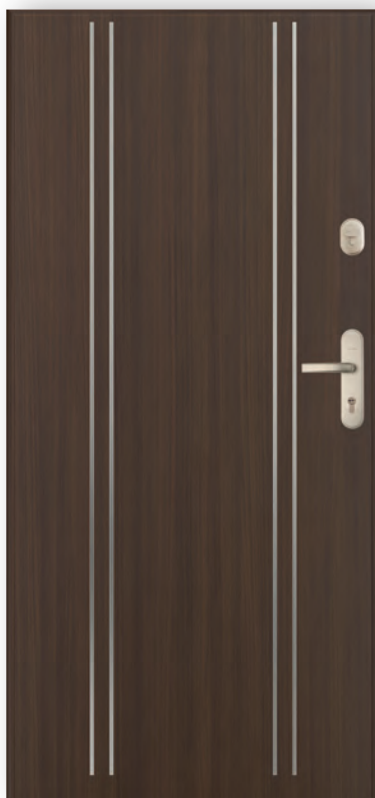


Size 100E extra charge 15% to the door set price

## SELECTED DOORS COLOUR (full colour on page 46-47)



## DOOR DESIGNS AVAILABLE ON PAGES 6-11



### DOOR USES

Security doors with a central lock for use as the main entrance doors to flats in multi-family buildings with increased risk of burglary, equipped as standard with a steel frame with a gasket. The door leaf sandwich structure with steel core box, additionally reinforced bars arranged in layers and mutual removable facing panels. The rim of the door leaf made of aluminum with a break insulation provides protection against wear door edge and the possibility to exchange facings panel and profiles in case of damage. Safe the door leaf structure equipped with central locking with six bold, moving bolts and additional lock with the highest resistance class creates a product that provides a high degree of safety combined with aesthetic performance and good functionality.

### TECHNICAL PARAMETERS

- door leaf thickness 62 mm
- door leaf with reinforced strap and seal for better insulation values
- steel core of the door leaf made of galvanized steel sheet, protected layer of varnish against corrosion
- the door leaf filling up with polyurethane foam CFC free, self-extinguishing higher density (in the case of fire doors special mineral wool)
- in the door leaf construction is a hardened steel bars (layered)
- the door leaf is equipped with the central lock with six moving bolts on the outer edge of the door leaf and additional lock
- double door seal around the outer edge provided by gasket in the door leaf, frame and threshold
- frame made of sheet steel, galvanized 1.5 mm thickness laminated in the door leaf colour
- stable frame with a width of 116mm mounted by internal supports (concealed mounting points)
- the door leaf and frame equipped with steel reinforcement brackets at the point of attachment hinges
- adjustable reinforced triple hinges for adjusting the door at many levels and matching the door leaf and the frame
- possibility of ordering the door leaf shortened by up to 100 mm
- facing panels made of composite wood-based high-end covered with a wood laminate or varnished
- possibility of exchanging facing panel and aluminium fixing profiles in the case of damage of the door or changing the arrangement
- all bolt holes in the frame are secured aesthetic plastic inserts
- the bottom edge of the door leaf is secured by closing slat
- adjustable hook latch of the door handle
- possibility to use electromagnetic latch to all types of frames

### SAFETY

- the highest resistance to burglary RC3 class according to PN-EN 1627 and C class according to PN-90 / B-92270
- the door leaf equipped with controlled central locking (insert rack and pinion) with six movable locking bolts and separate multipoint locks
- both locks in the highest burglary resistance **7 C**
- solid anti-breaking bolts mounted in steel reinforcing brackets
- three adjustable safety hinges protected from disassembling
- steel fillister of the door leaf reinforced of the aluminium profile
- steel core of the door leaf made of sheet steel and reinforced hardened steel bars
- both certified shields have burglary protection inserts
- door limiter can be installed optional to all models door
- insert of the main lock (insert rack and pinion) with assembly has the highest security class **6 2 C**
- insert with the knob of additional lock has high protection class **5 1 B**
- possibility of ordering upper insert with knob with additional assembly key in the highest security class **6 2 C**

### FRAMES, THRESHOLDS

- in the standard available three frame profiles with a gasket to allow installation of doors adapted to the specificities of the mounting hole and accessories (assembly portals)
- frames available in colour compatible with the colour of the door leaf - Page 56-57
- possibility of ordering two-colours frame at extra charge
- wooden Norwegian thresholds with the gasket in four colours (height 19mm or 35mm)
- wooden oaken thresholds with the gasket (height 19mm or 35mm)
- metal thresholds with the gasket (height 19mm or 35mm)

### FUNCTIONALITY AND DESIGN

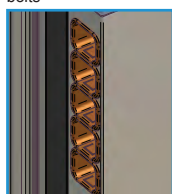
- facing panel of door leaves made using the multipass milling are deep, distinct pattern
- available 32 models of facing panels in 29 wooden and uniform colours
- possibility of ordering of the door leaf in two-colours or with different patterns in standard price
- possibility of ordering two-colours frame at extra charge
- handles and shields available in four colours
- aluminium profiles on the outer edge of the door leaf reinforcing structures and enabling the exchange of facings panels
- door hinges protected with aluminium caps in fittings colour



Solid anti-breaking bolts



Vertical bolt



Covers holes of the frame



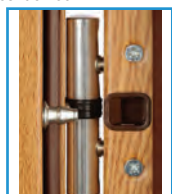
Additional upper lock



Anti-breaking cover of the central lock



Central lock (thicker bolts)



Adjusted hinges



Auxiliary bottom lock (thicker bolts)



Protective caps on hinges





For model door CPX3010(S)



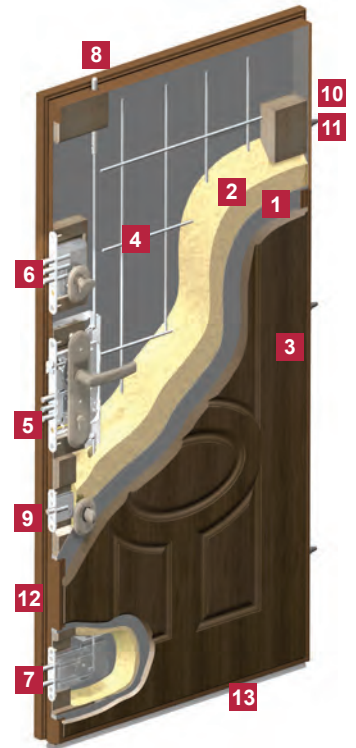
CX 10

CPX 3010(S)

FIREPROOF DOOR

## DOOR LEAF STRUCTURE

1. steel core of the door leaf made of galvanized steel sheet, varnished
2. insulation material - polyurethane foam CFC free, self-extinguishing higher density. In CPX 3010(S) model special mineral wool.
3. removable composite panel facing wood-based decorative laminated veneer or varnished
4. hardened steel rods: layered
5. central lock
6. additional lock (upper)
7. auxiliary lock (bottom)
8. vertical bolt
9. door limiter (optional equipment)
10. adjusted hinges
11. solid anti-breaking bolts
12. aluminum side profiles and fillister seal
13. closing slat



## STANDARD EQUIPMENT - IN THE PRICE DOOR

- steel door leaf with facings panel and aluminium side profiles
- main lock ZW 3000 (7C class) **7 C**
- additional lock ZW550 (7C class) **7 C**
- solid anti-breaking bolts
- reinforced triple-locked hinges with blocking of disassembly and aluminium caps
- the door leaf fillister seal
- steel frame with seal (optional FA SL, FR SL, FT SL)
- adjustable latch hook in the frame
- wooden oak usable threshold with seal (19 mm or 35 mm) or stainless threshold with seal (19 mm or 32 mm)



Integrated door closer as a standard for fireproof door

## OPTIONAL EQUIPMENT - EXTRA CHARGE

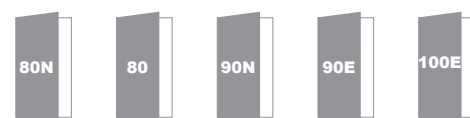
- fittings - page 38
- additional fittings - page 40-43
- NORWEGIAN wooden usable threshold with seal and aluminium cap
- installation threshold of frames: FA SL, FR SL, FT SL
- steel frame with seal in two-colour version
- built-in electromagnetic latch



According to the report research

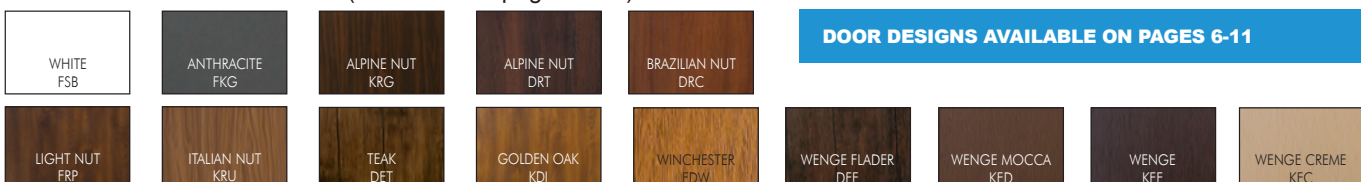
<b>NORMS</b>		mortise lock	security and resistance class to drilling according to PN-EN 12209
	min	1 2 3 4 5 6 7	max
		inserts to locks	attack resistance class according to PN-EN 1303 key code security class according to PN-EN 1303
min	0 1 2	max	
min	1 2 3 4 5 6	max	
	min	T A B C	max
		Insert and mortise locks	burglary resistance class according to KT/402/IMP/2009 (for inserts) according to KT/401/IMP/2009 (for mortise locks)

## AVAILABLE DOOR SIZES



Size 100E extra charge 15% to the door set price

## SELECTED DOORS COLOUR (full colour on page 46-47)



## DOOR DESIGNS AVAILABLE ON PAGES 6-11



### DOOR USES

Security doors to be used as the main entrance doors to flats in multi-family housing medium hazard burglary, equipped as standard with a steel frame with a gasket. The door leaf sandwich structure with steel core box reinforced rods of hardened steel and the double-sided removable facings panel. The rim of the door leaf made of aluminum with thermal break, provides protection against wear door edge and the possibility to exchange facings panel and profiles in case of damage.

### TECHNICAL PARAMETERS

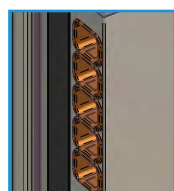
- door leaf thickness 62 mm
- door leaf with reinforced strap and seal for better insulation values
- steel core of the door leaf made of galvanized steel sheet, protected layer of varnish against corrosion
- insulation material - the ecological foamed EPS polystyrene higher density (in the case of fire doors special mineral wool)
- in the door leaf construction is a complete hardened steel bars
- double door seal around the outer edge provided by gasket in the door leaf, frame and threshold
- frame made of sheet steel, galvanized 1.5 mm thickness laminated in the door leaf colour
- stable frame with a width of 116mm mounted by internal supports (concealed mounting points)
- the door leaf and frame equipped with steel reinforcement brackets at the point of attachment hinges
- adjustable reinforced triple hinges for adjusting the door at many levels and matching the door leaf and the frame
- possibility of ordering the door leaf shortened by up to 100 mm
- facing panels made of composite wood-based high-end covered with a wood laminate or varnished
- possibility of exchanging facing panel and aluminium fixing profiles in the case of damage of the door or changing the arrangement
- all bolt holes in the frame are secured aesthetic plastic inserts
- the bottom edge of the door leaf is secured by closing slot
- adjustable hook latch of the door handle
- possibility to use electromagnetic latch to all types of frames



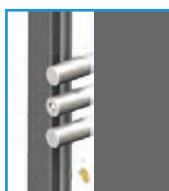
Solid anti-breaking bolts



Additional upper lock



Covers holes of the frame



Central lock



Anti-breaking cover of the central lock



Adjusted hinges



Protective caps on hinges

### SAFETY

- high resistance to burglary RC2N class according to PN-EN 1627
- the door leaf equipped with two separate multipoint locks
- both locks in the highest burglary resistance **7 C**
- solid anti-breaking bolts mounted in steel reinforcing brackets
- three adjustable safety hinges protected from disassembling
- steel fillister of the door leaf reinforced of the aluminium profile
- steel core of the door leaf made of sheet steel and reinforced hardened steel bars
- both certified shields have burglary protection inserts
- door limiter can be installed optional to all models door
- insert of the main lock with assembly key has the highest security class **6 2 C**
- insert with the knob of additional lock has high protection class **5 1 B**
- possibility of ordering upper insert with knob with additional assembly key in the highest security class **6 2 C**

### FRAMES, THRESHOLDS

- in the standard available three frame profiles with a gasket to allow installation of doors adapted to the specificities of the mounting hole and accessories (assembly portals)
- frames available in colour compatible with the colour of the door leaf - Page 56-57
- possibility of ordering two-colours frame at extra charge
- wooden Norwegian thresholds with the gasket in four colours (height 19mm or 35mm)
- wooden oaken thresholds with the gasket (height 19mm or 35mm)
- metal thresholds with the gasket (height 19mm or 35mm)

### FUNCTIONALITY AND DESIGN

- facing panel of door leaves made using the multipass milling are deep, distinct pattern
- available 32 models of facing panels in 29 wooden and uniform colours
- possibility of ordering of the door leaf in two-colours or with different patterns in standard price
- possibility of ordering two-colours frame at extra charge
- handles and shields available in four colours
- aluminium profiles on the outer edge of the door leaf reinforcing structures and enabling the exchange of facings panels
- door hinges protected with aluminium caps in fittings colour





## DOOR LEAF STRUCTURE

1. steel core of the door leaf made of galvanized steel sheet, varnished
2. insulation material - the ecological foamed EPS polystyrene higher density. In WPX3010(S) model special mineral wool.
3. removable composite panel facing wood-based decorative laminated veneer or varnished
4. hardened steel rods
5. central lock
6. additional lock (upper)
7. door limiter (optional equipment)
8. adjusted hinges
9. solid anti-breaking bolts
10. aluminium side profiles and fillister seal
11. closing slat



## STANDARD EQUIPMENT - IN THE PRICE DOOR

- steel door leaf with facings panel and aluminium side profiles
- main lock ZW 1000 (7C class) **7 C**
- additional lock ZW550 (7C class) **7 C**
- solid anti-breaking bolts
- reinforced triple-locked hinges with blocking of disassembly and aluminium caps
- the door leaf fillister seal
- steel frame with seal (optional profiles FA SL, FR SL, FT SL)
- adjustable latch hook in the frame
- wooden oak usable threshold with seal (19 mm or 35 mm) or stainless threshold with seal (19 mm or 32 mm)



Integrated door closer as a standard for fireproof door

## OPTIONAL EQUIPMENT - EXTRA CHARGE

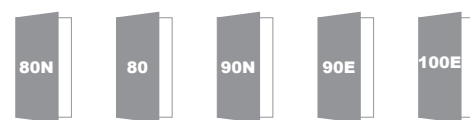
- fittings - page 38
- additional fittings - page 40-43
- NORWEGIAN wooden usable threshold with seal and aluminium cap
- installation threshold of frames: FA SL, FR SL, FT SL
- steel frame with seal in two-colour version
- built-in electromagnetic latch



According to the report research

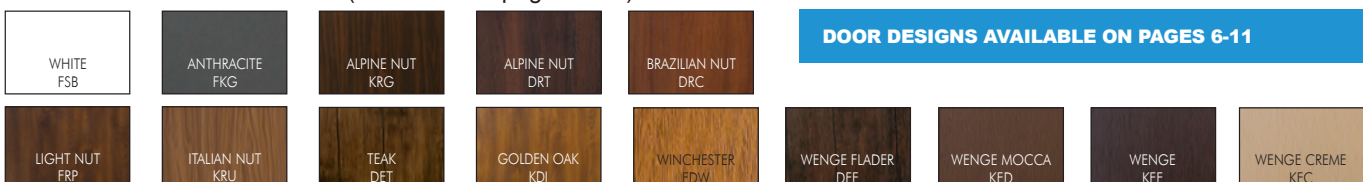
<b>NORMS</b>		mortise lock	security and resistance class to drilling according to PN-EN 12209
	min	1 2 3 4 5 6 7	max
		inserts to locks	attack resistance class according to PN-EN 1303 key code security class according to PN-EN 1303
	min	0 1 2	max
	min	1 2 3 4 5 6	max
	min	T A B C	max
	Insert and mortise locks burglary resistance class according to KT/402/IMP/2009 (for inserts) according to KT/401/IMP/2009 (for mortise locks)		

## AVAILABLE DOOR SIZES



Size 100E extra charge 15% to the door set price

## SELECTED DOORS COLOUR (full colour on page 46-47)





## DOOR USES

Security doors with a unique central lock for use as the main entrance doors to flats in multi-family buildings of highest risk of burglary, equipped as standard with a steel frame with a gasket. The door leaf sandwich structure with steel core box, complete truss made of steel channel sections and moving hardened steel bars. Inside the door leaf used a special sound-absorbing board with very good insulating and acoustic parameters.

Safe door leaf structure equipped with a unique central locking certified by eleven bold, moving the bars on the perimeter the door leaf, controlled by a patented insert RIM6000 more than 4 billion combination key code and additional lock in high class resistance.

## TECHNICAL PARAMETERS

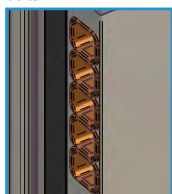
- door leaf thickness 60 mm
- door leaf with reinforced strap and seal for better insulation values
- steel core of the door leaf made of galvanized steel sheet, protected layer of varnish against corrosion. Top layer is covered a decorative laminate resistance to adverse conditions.
- the door leaf filling up with polyurethane foam CFC free, self-extinguishing higher density
- special sound-absorbing board with very good insulating and acoustic parameters
- in the door leaf construction is a complete truss made of steel channel sections and moving hardened steel bars (thicker)
- the door leaf is equipped with the central lock with eleven moving bolts on the outer edge of the door leaf and additional lock
- 30% thicker bolts relative to the STANDARD door
- double door seal around the outer edge provided by gasket in the door leaf, frame and threshold
- frame made of sheet steel, galvanized 1.5 mm thickness laminated in the door leaf colour
- stable frame with a width of 116mm mounted by internal supports (concealed mounting points)
- the door leaf and frame equipped with steel reinforcement brackets at the point of attachment hinges
- adjustable reinforced triple hinges for adjusting the door at many levels and matching the door leaf and the frame
- possibility of ordering the door leaf shortened by up to 100 mm
- all bolt holes in the frame are secured aesthetic plastic inserts
- the bottom edge of the door leaf is secured by closing slat
- adjustable hook latch of the door handle
- possibility to use electromagnetic latch to all types of frames



Solid anti-breaking bolts



Auxiliary upper lock



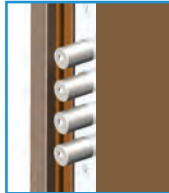
Covers holes of the frame



Additional upper lock



Anti-breaking cover of the central lock



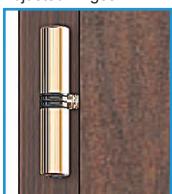
Central lock



Adjusted hinges



Auxiliary bottom lock



Protective caps on hinges



Moving bolts on the hinge side of the door leaf

## SAFETY

- the highest resistance to burglary RC4 class according to PN-EN 1627 and C class according to PN-90 / B-92270
- the door leaf equipped with controlled central locking (insert Gerda RIM 6000) with twelve movable locking bolts on the outer edge of the door leaf and additional multipoint lock in the highest burglary resistance **7 C**
- solid anti-breaking bolts mounted in steel reinforcing brackets
- three adjustable safety hinges protected from disassembling
- steel core of the door leaf made of sheet steel and reinforced hardened steel bars
- both certified shields have burglary protection inserts
- door limiter can be installed optional to all models door
- insert (Gerda RIM 6000) of the main lock has the highest security class **6 2 C**
- insert with the knob of additional lock has high protection class **5 1 B**
- possibility of ordering upper insert with knob with additional assembly key in the highest security class **6 2 C**

## FRAMES, THRESHOLDS

- in the standard available three frame profiles with a gasket to allow installation of doors adapted to the specificities of the mounting hole and accessories (assembly portals)
- frames available in colour compatible with the colour of the door leaf - Page 57
- wooden Norwegian thresholds with the gasket in four colours (height 19mm or 35mm)
- wooden oaken thresholds with the gasket (height 19mm or 35mm)
- metal thresholds with the gasket (height 19mm or 35mm)

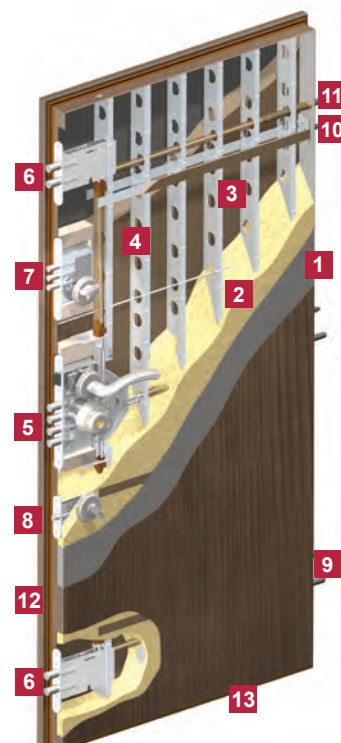
## FUNCTIONALITY AND DESIGN

- available 3 models of facing panels in 9 wooden and uniform colours
- door hinges protected with aluminium caps in fittings colour



## DOOR LEAF STRUCTURE

1. steel core of the door leaf made of galvanized steel sheet, varnished. Top layer is covered a decorative laminate resistance to adverse conditions
2. insulation material - polyurethane foam CFC free, self-extinguishing higher density
3. special sound-absorbing board with very good insulating and acoustic parameters
4. steel ribs and hardened steel rods: thicker
5. central lock
6. auxiliary lock (bottom, upper)
7. additional lock (upper)
8. door limiter (optional equipment)
9. adjusted hinges
10. solid anti-breaking bolts
11. movable horizontal bolt of hinge side
12. fillister seal
13. closing slat



## STANDARD EQUIPMENT - IN THE PRICE DOOR

- steel door leaf
- main lock ZW 6000 **7 C** with auxiliary lock and horizontal bolts on the hinge side
- additional lock ZW550 **7 C**
- solid anti-breaking bolts
- reinforced triple-locked hinges with blocking of disassembly and aluminium caps
- the door leaf fillister seal
- steel frame with seal (optional profiles FC PREMIUM, FR PREMIUM, FT PREMIUM)
- adjustable latch hook in the frame
- wooden oak usable threshold with seal (19 mm or 35 mm) or stainless threshold with seal (19 mm or 32 mm)



4 billion  
key combinations

## OPTIONAL EQUIPMENT - EXTRA CHARGE

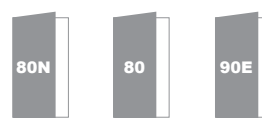
- fittings - page 38
- additional fittings - page 40-43
- installation threshold of frames: FC PREMIUM, FR PREMIUM, FT PREMIUM
- built-in electromagnetic latch



According to the report research

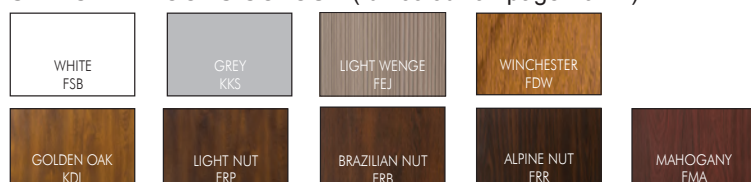
<b>NORMS</b>		mortise lock	security and resistance class to drilling according to PN-EN 12209
	min	1 2 3 4 5 6 7	max
		inserts to locks	attack resistance class according to PN-EN 1303 key code security class according to PN-EN 1303
min	0 1 2	max	
min	1 2 3 4 5 6	max	
	min	T A B C	max
		Insert and mortise locks	burglary resistance class according to KT/402/IMP/2009 (for inserts) according to KT/401/IMP/2009 (for mortise locks)

## AVAILABLE DOOR SIZES



Size 100E extra charge 15% to the door set price

## SELECTED DOORS COLOUR (full colour on page 46-47)



DOOR DESIGNS AVAILABLE ON PAGE 11





### DOOR USES

Security doors with a central lock for use as the main entrance doors to flats in multi-family buildings with increased risk of burglary, equipped as standard with a steel frame with a gasket. The door leaf sandwich structure with steel core box, additionally reinforced bars arranged in layers. Inside the door leaf there is a special sound-absorbing board with very good insulating and acoustic parameters. The door leaf structure equipped with central locking with six bold, moving bolts and additional lock with the highest resistance class creates a product that provides a high degree of safety combined with aesthetic performance and good functionality.

### TECHNICAL PARAMETERS

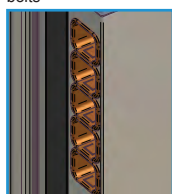
- door leaf thickness 60 mm
- door leaf with reinforced strap and seal for better insulation values
- steel core of the door leaf made of galvanized steel sheet, protected layer of varnish against corrosion. Top layer is covered a decorative laminate resistance to adverse conditions.
- the door leaf filling up with polyurethane foam CFC free, self-extinguishing higher density
- special sound-absorbing board with very good insulating and acoustic parameters
- in the door leaf construction is a hardened steel bars: (layered, thicker)
- the door leaf is equipped with the central lock with six moving bolts on the outer edge of the door leaf and additional lock
- 30% thicker bolts relative to the STANDARD door
- double door seal around the outer edge provided by gasket in the door leaf, frame and threshold
- frame made of sheet steel, galvanized 1.5 mm thickness laminated in the door leaf colour
- stable frame with a width of 116mm mounted by internal supports (concealed mounting points)
- the door leaf and frame equipped with steel reinforcement brackets at the point of attachment hinges
- adjustable reinforced triple hinges for adjusting the door at many levels and matching the door leaf and the frame
- possibility of ordering the door leaf shortened by up to 100 mm
- all bolt holes in the frame are secured aesthetic plastic inserts
- the bottom edge of the door leaf is secured by closing slat
- adjustable hook latch of the door handle
- possibility to use electromagnetic latch to all types of frames



Solid anti-breaking bolts



Vertical bolt



Covers holes of the frame



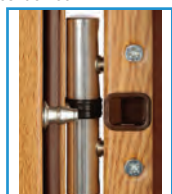
Additional upper lock



Anti-breaking cover of the central lock



Central lock (thicker bolts)



Adjusted hinges



Auxiliary bottom lock (thicker bolts)



Protective caps on hinges

### SAFETY

- the highest resistance to burglary RC3 class according to PN-EN 1627 and C class according to PN-90 / B-92270
- the door leaf equipped with controlled central locking (insert rack and pinion) with six movable locking bolts and separate multipoint locks
- both locks in the highest burglary resistance **7 C**
- solid anti-breaking bolts mounted in steel reinforcing brackets
- three adjustable safety hinges protected from disassembling
- steel core of the door leaf made of sheet steel and reinforced hardened steel bars
- both certified shields have burglary protection inserts
- door limiter can be installed optional to all models door
- insert of the main lock (insert rack and pinion) with assembly has the highest security class **6 2 C**
- insert with the knob of additional lock has high protection class **5 1 B**
- possibility of ordering upper insert with knob with additional assembly key in the highest security class **6 2 C**

### FRAMES, THRESHOLDS

- in the standard available three frame profiles with a gasket to allow installation of doors adapted to the specificities of the mounting hole and accessories (assembly portals)
- frames available in colour compatible with the colour of the door leaf – Page 57
- wooden Norwegian thresholds with the gasket in four colours (height 19mm or 35mm)
- wooden oaken thresholds with the gasket (height 19mm or 35mm)
- metal thresholds with the gasket (height 19mm or 35mm)

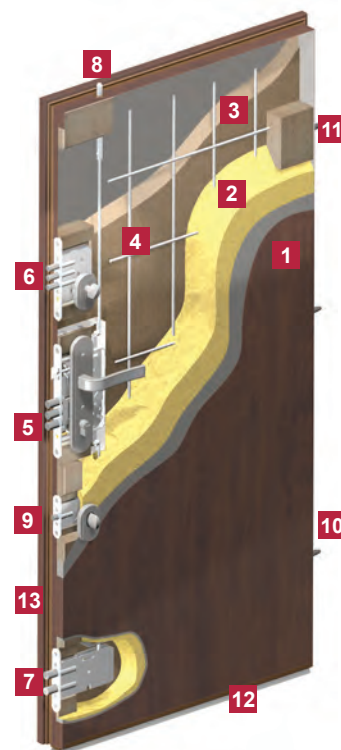
### FUNCTIONALITY AND DESIGN

- available 5 models of facing panels in 9 wooden and uniform colours
- door hinges protected with aluminium caps in fittings colour



## DOOR LEAF STRUCTURE

1. steel core of the door leaf made of galvanized steel sheet, varnished. Top layer is covered a decorative laminate resistance to adverse conditions
2. insulation material - polyurethane foam CFC free, self-extinguishing higher density
3. special sound-absorbing board with very good insulating and acoustic parameters
4. hardened steel rods: layered, thicker
5. central lock
6. additional lock (upper)
7. auxiliary lock (bottom)
8. vertical bolt
9. door limiter (optional equipment)
10. adjusted hinges
11. solid anti-breaking bolts
12. closing slat
13. fillister seal



## STANDARD EQUIPMENT - IN THE PRICE DOOR

- steel door leaf
- main lock ZW 3000 (7C class) **7 C**
- additional lock ZW550 (7C class) **7 C**
- solid anti-breaking bolts
- reinforced triple-locked hinges with blocking of disassembly and aluminum caps
- the door leaf fillister seal
- steel frame with seal (optional FC PREMIUM, FR PREMIUM, FT PREMIUM)
- adjustable latch hook in the frame
- wooden oak usable threshold with seal (19 mm or 35 mm) or stainless threshold with seal (19 mm or 32 mm)

**Bolts thicker by 30%**

## OPTIONAL EQUIPMENT - EXTRA CHARGE

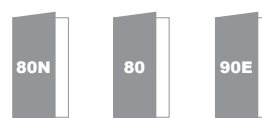
- fittings - page 38
- additional fittings - page 40-43
- installation threshold of frames: FC PREMIUM, FR PREMIUM, FT PREMIUM
- built-in electromagnetic latch



According to the report research

<b>NORMS</b>		mortise lock	security and resistance class to drilling according to PN-EN 12209
	min	1 2 3 4 5 6 7	max
		inserts to locks	attack resistance class according to PN-EN 1303 key code security class according to PN-EN 1303
min	0 1 2	max	
min	1 2 3 4 5 6	max	
	min	T A B C	max
	Insert and mortise locks		burglary resistance class according to KT/402/IMP/2009 (for inserts) according to KT/401/IMP/2009 (for mortise locks)

## AVAILABLE DOOR SIZES



Size 100E extra charge 15% to the door set price

## SELECTED DOORS COLOUR (full colour on page 46-47)



DOOR DESIGNS AVAILABLE ON PAGE 11



### DOOR USES

Security doors to be used as the main entrance doors to flats in multi-family housing medium hazard burglary, equipped as standard with a steel frame with a gasket. The door leaf sandwich structure with steel core box reinforced rods of hardened steel. Inside the leaf used a special sound-absorbing board with very good insulating and acoustic parameters.

### TECHNICAL PARAMETERS

- door leaf thickness 60 mm
- door leaf with reinforced strap and seal for better insulation values
- steel core of the door leaf made of galvanized steel sheet, protected layer of varnish against corrosion. Top layer is covered a decorative laminate resistance to adverse conditions.
- insulation material - the ecological foamed EPS polystyrene higher density
- special sound-absorbing board with very good insulating and acoustic parameters
- in the door leaf construction is a hardened steel bars (thicker)
- 30% thicker bolts relative to the STANDARD door
- double door seal around the outer edge provided by gasket in the door leaf, frame and threshold
- frame made of sheet steel, galvanized 1.5 mm thickness laminated in the door leaf colour
- stable frame with a width of 116mm mounted by internal supports (concealed mounting points)
- the door leaf and frame equipped with steel reinforcement brackets at the point of attachment hinges
- adjustable reinforced triple hinges for adjusting the door at many levels and matching the door leaf and the frame
- possibility of ordering the door leaf shortened by up to 100 mm
- all bolt holes in the frame are secured aesthetic plastic inserts
- the bottom edge of the door leaf is secured by closing slat
- adjustable hook latch of the door handle
- possibility to use electromagnetic latch to all types of frames



Solid anti-breaking bolts



Additional upper lock



Covers holes of the frame



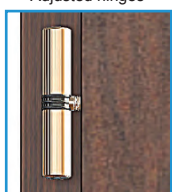
Central lock (thicker bolts)



Anti-breaking cover of the central lock



Adjusted hinges



Protective caps on hinges

### SAFETY

- high resistance to burglary RC2N class according to PN-EN 1627
- the door leaf equipped with two separate multipoint locks
- both locks in the highest burglary resistance **7 C**
- solid anti-breaking bolts mounted in steel reinforcing brackets
- three adjustable safety hinges protected from disassembling
- steel core of the door leaf made of sheet steel and reinforced hardened steel bars
- both certified shields have burglary protection inserts
- door limiter can be installed optional to all models door
- insert of the main lock with assembly key has the highest security class **6 2 C**
- insert with the knob of additional lock has high protection class **5 1 B**
- possibility of ordering upper insert with knob with additional assembly key in the highest security class **6 2 C**

### FRAMES, THRESHOLDS

- in the standard available three frame profiles with a gasket to allow installation of doors adapted to the specificities of the mounting hole and accessories (assembly portals)
- frames available in colour compatible with the colour of the door leaf – Page 57
- wooden Norwegian thresholds with the gasket in four colours (height 19mm or 35mm)
- wooden oaken thresholds with the gasket (height 19mm or 35mm)
- metal thresholds with the gasket (height 19mm or 35mm)

### FUNCTIONALITY AND DESIGN

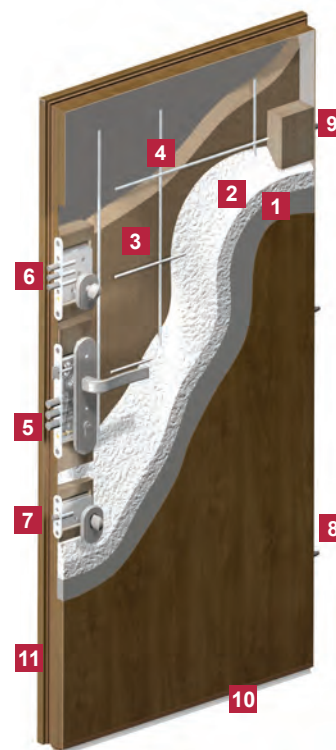
- available 5 models of facing panels in 9 wooden and uniform colours
- door hinges protected with aluminium caps in fittings colour
- handles and shields available in two colours





## DOOR LEAF STRUCTURE

1. steel core of the door leaf made of galvanized steel sheet, varnished. Top layer is covered a decorative laminate resistance to adverse conditions
2. insulation material - the ecological foamed EPS polystyrene higher density.
3. special sound-absorbing board with very good insulating and acoustic parameters
4. hardened steel rods: thicker
5. central lock
6. additional lock (upper)
7. door limiter (optional equipment)
8. adjusted hinges
9. solid anti-breaking bolts
10. closing slat
11. fillister seal



## STANDARD EQUIPMENT - IN THE PRICE DOOR

- steel door leaf
- main lock ZW 1000 (7C class) **7 C**
- additional lock ZW550 (7C class) **7 C**
- solid anti-breaking bolts
- reinforced triple-locked hinges with blocking of disassembly and aluminium caps
- the door leaf fillister seal
- steel frame with seal (optional profiles FC PREMIUM, FR PREMIUM, FT PREMIUM)
- adjustable latch hook in the frame
- wooden oak usable threshold with seal (19 mm or 35 mm) or stainless threshold with seal (19 mm or 32 mm)

**Bolts thicker by 30%**

## OPTIONAL EQUIPMENT - EXTRA CHARGE

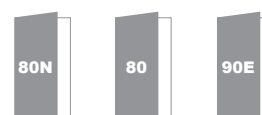
- fittings - page 38
- additional fittings - page 40-43
- installation threshold of frames: FC PREMIUM, FR PREMIUM, FT PREMIUM
- built-in electromagnetic latch



According to the report research

<b>NORMS</b>		mortise lock	security and resistance class to drilling according to PN-EN 12209
	min	1 2 3 4 5 6 7	max
		inserts to locks	attack resistance class according to PN-EN 1303 key code security class according to PN-EN 1303
	min	0 1 2	max
	min	1 2 3 4 5 6	max
	min	T A B C	max
	Insert and mortise locks		burglary resistance class according to KT/402/IMP/2009 (for inserts) according to KT/401/IMP/2009 (for mortise locks)

## AVAILABLE DOOR SIZES



Size 100E extra charge 15% to the door set price

## SELECTED DOORS COLOUR (full colour on page 46-47)



DOOR DESIGNS AVAILABLE ON PAGE 11



## DOOR USES

Security doors with a unique central lock for use as the main entrance doors to flats in multi-family buildings of highest risk of burglary, equipped as standard with a steel frame with a gasket. The door leaf sandwich structure with steel core box, complete truss made of steel channel sections and moving hardened steel bars. Safe door leaf structure equipped with a unique central locking certified by eleven bold, moving the bars on the perimeter the door leaf, controlled by a patented insert RIM6000 more than 4 billion combination key code and additional lock in high class resistance.

## TECHNICAL PARAMETERS

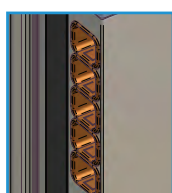
- door leaf thickness 48 mm
- door leaf with reinforced strap and seal for better insulation values
- steel core of the door leaf made of galvanized steel sheet, protected layer of varnish against corrosion. Top layer is covered a decorative laminate resistance to adverse conditions
- the door leaf filling up with polyurethane foam CFC free, self-extinguishing higher density
- in the door leaf construction is a complete truss made of steel channel sections and moving hardened steel bars
- the door leaf is equipped with the central lock with twelve moving bolts on the outer edge of the door leaf and additional lock
- double door seal around the outer edge provided by gasket in the door leaf, frame and threshold
- frame made of sheet steel, galvanized 1.5 mm thickness laminated in the door leaf colour
- stable frame with a width of 116mm mounted by internal supports (concealed mounting points)
- the door leaf and frame equipped with steel reinforcement brackets at the point of attachment hinges
- adjustable reinforced triple hinges for adjusting the door at many levels and matching the door leaf and the frame
- possibility of ordering the door leaf shortened by up to 100 mm
- all bolt holes in the frame are secured aesthetic plastic inserts
- the bottom edge of the door leaf is secured by closing slot
- adjustable hook latch of the door handle
- possibility to use electromagnetic latch to all types of frames



Solid anti-breaking bolts



Additional upper lock



Covers holes of the frame



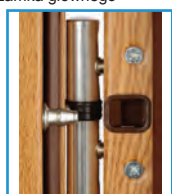
Additional upper lock



Ostona antywyważeniowa zamka głównego



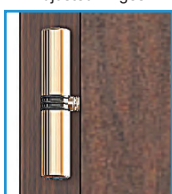
Central lock



Adjusted hinges



Auxiliary bottom lock



Protective caps on hinges



Moving bolts on the hinge side of the door leaf

## SAFETY

- the highest resistance to burglary RC4 class according to PN-EN 1627 and C class according to PN-90 / B-92270
- the door leaf equipped with controlled central locking (insert Gerda RIM 6000) with twelve movable locking bolts on the outer edge of the door leaf and additional multipoint lock in the highest burglary resistance **7 C**
- solid anti-breaking bolts mounted in steel reinforcing brackets
- three adjustable safety hinges protected from disassembling
- steel core of the door leaf made of sheet steel and reinforced hardened steel bars
- both certified shields have burglary protection inserts
- door limiter can be installed optional to all models door
- insert (Gerda RIM 6000) of the main lock has the highest security class
- insert with the knob of additional lock has high protection class
- possibility of ordering upper insert with knob with additional assembly key in the highest security class **6 2 C**

## FRAMES, THRESHOLDS

- in the standard available three frame profiles with a gasket to allow installation of doors adapted to the specificities of the mounting hole and accessories (assembly portals)
- frames available in colour compatible with the colour of the door leaf - Page 57
- wooden Norwegian thresholds with the gasket in four colours (height 19mm or 35mm)
- wooden oaken thresholds with the gasket (height 19mm or 35mm)
- metal thresholds with the gasket (height 19mm or 35mm)

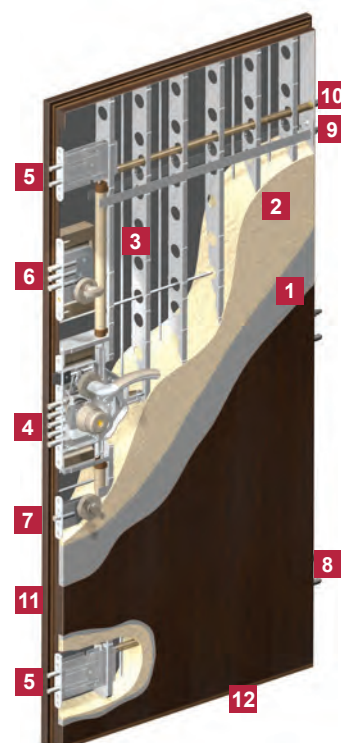
## FUNCTIONALITY AND DESIGN

- available flat version of facing panels in 8 wooden and uniform colours
- door hinges protected with aluminium caps in fittings colour



## DOOR LEAF STRUCTURE

1. steel core of the door leaf made of galvanized steel sheet, varnished. Top layer is covered a decorative laminate resistance to adverse conditions
2. insulation material - polyurethane foam CFC free, self-extinguishing higher density
3. steel ribs and hardened steel rods
4. central lock
5. auxiliary lock (bottom, upper)
6. additional lock (upper)
7. door limiter (optional equipment)
8. adjusted hinges
9. solid anti-breaking bolts
10. movable horizontal bolt of hinge side
11. fillister seal
12. closing slat



## STANDARD EQUIPMENT - IN THE PRICE DOOR

- steel door leaf
- main lock ZW 6000 (7C class) **7 C** with auxiliary lock and horizontal bolts on the hinge side
- additional lock ZW550 (7C class) **7 C**
- solid anti-breaking bolts
- reinforced triple-locked hinges with blocking of disassembly and aluminium caps
- the door leaf fillister seal
- steel frame with seal (optional profiles FD, FC, FR, FN)
- adjustable latch hook in the frame
- wooden oak usable threshold with seal (19 mm or 35 mm) or stainless threshold with seal (19 mm or 32 mm)



4 billion key combinations

## OPTIONAL EQUIPMENT - EXTRA CHARGE

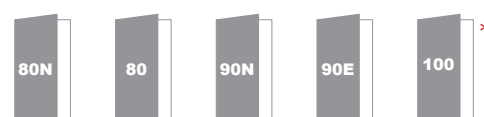
- fittings - page 38
- additional fittings - page 40-43
- NORWEGIAN wooden usable threshold with seal and aluminium cap
- installation threshold of frames: FD, FC, FR, FN
- built-in electromagnetic latch



According to the report research

<b>NORMS</b>		mortise lock	security and resistance class to drilling according to PN-EN 12209
	min	1 2 3 4 5 6 7	max
		min	0 1 2
	min	1 2 3 4 5 6	max
	min	T A B C	max

## AVAILABLE DOOR SIZES



Size 100E extra charge 15% to the door set price  
\* does not occur in the color FCC Calvados

## SELECTED DOORS COLOUR (full colour on page 46-47)



DOOR DESIGNS AVAILABLE ON PAGE 11





### DOOR USES

Security doors with a central lock for use as the main entrance doors to flats in multi-family buildings with increased risk of burglary, equipped as standard with a steel frame with a gasket. The door leaf sandwich structure with steel core box, additionally reinforced bars arranged in layers. Safe the door leaf structure equipped with central locking with six bold, moving bolts and additional lock with the highest resistance class creates a product that provides a high degree of safety combined with aesthetic performance and good functionality.

### TECHNICAL PARAMETERS

- door leaf thickness 48 mm
- door leaf with reinforced strap and seal for better insulation values
- steel core of the door leaf made of galvanized steel sheet, protected layer of varnish against corrosion. Top layer is covered a decorative laminate resistance to adverse conditions
- the door leaf filling up with polyurethane foam CFC free, self-extinguishing higher density. In the case of fire doors special mineral wool
- in the door leaf construction is a hardened steel bars (layered)
- the door leaf is equipped with the central lock with six moving bolts on the outer edge of the door leaf and additional lock
- double door seal around the outer edge provided by gasket in the door leaf, frame and threshold
- frame made of sheet steel, galvanized 1.5 mm thickness laminated in the door leaf colour
- stable frame with a width of 116mm mounted by internal supports (concealed mounting points)
- the door leaf and frame equipped with steel reinforcement brackets at the point of attachment hinges
- adjustable reinforced triple hinges for adjusting the door at many levels and matching the door leaf and the frame
- possibility of ordering the door leaf shortened by up to 100 mm
- all bolt holes in the frame are secured aesthetic plastic inserts
- the bottom edge of the door leaf is secured by closing slat
- adjustable hook latch of the door handle
- possibility to use electromagnetic latch to all types of frames

### SAFETY

- the highest resistance to burglary RC3 class according to PN-EN 1627 and C class according to PN-90 / B-92270
- the door leaf equipped with controlled central locking (insert rack and pinion) with six movable locking bolts and separate multipoint locks
- both locks in the highest burglary resistance **7 C**
- solid anti-breaking bolts mounted in steel reinforcing brackets
- three adjustable safety hinges protected from disassembling
- steel core of the door leaf made of sheet steel and reinforced hardened steel bars
- both certified shields have burglary protection inserts
- door limiter can be installed optional to all models door
- insert of the main lock (insert rack and pinion) with assembly has the highest security class **6 2 C**
- insert with the knob of additional lock has high protection class **5 1 B**
- possibility of ordering upper insert with knob with additional assembly key in the highest security class **6 2 C**

### FRAMES, THRESHOLDS

- in the standard available three frame profiles with a gasket to allow installation of doors adapted to the specificities of the mounting hole and accessories (assembly portals)
- frames available in colour compatible with the colour of the door leaf – Page 57
- wooden Norwegian thresholds with the gasket in four colours (height 19mm or 35mm)
- wooden oaken thresholds with the gasket (height 19mm or 35mm)
- metal thresholds with the gasket (height 19mm or 35mm)

### FUNCTIONALITY AND DESIGN

- available 2 models of facing panels in 8 wooden and uniform colours
- door hinges protected with aluminium caps in fittings colour



Solid anti-breaking bolts



Vertical bolt



Covers holes of the frame



Additional upper lock



Anti-breaking cover of the central lock



Central lock (thicker bolts)



Adjusted hinges



Auxiliary bottom lock (thicker bolts)



Protective caps on hinges



EI,30

For door CP30(S)



48



32/35



C



3



YES



9

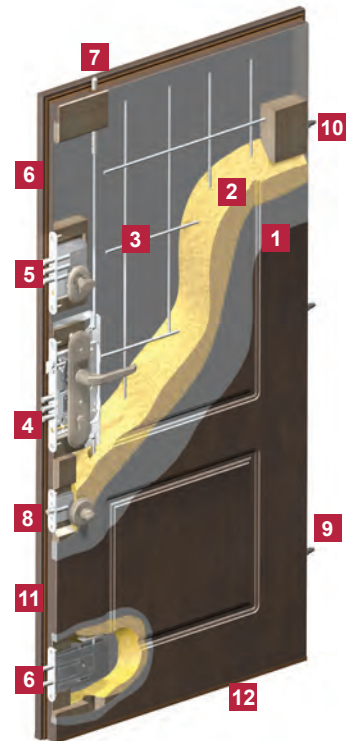
C

CP 30(S)

FIREPROOF DOOR

## DOOR LEAF STRUCTURE

1. steel core of the door leaf made of galvanized steel sheet, varnished. Top layer is covered a decorative laminate resistance to adverse conditions
2. insulation material - polyurethane foam CFC free, self-extinguishing higher density. In CP 30(S) model special mineral wool.
3. hardened steel rods: layered
4. central lock
5. additional lock (upper)
6. auxiliary lock (bottom)
7. vertical bolt
8. door limiter (optional equipment)
9. adjusted hinges
10. solid anti-breaking bolts
11. fillister seal
12. closing slat



## STANDARD EQUIPMENT - IN THE PRICE DOOR

- steel door leaf
- main lock ZW 3000 (7C class) **7 C**
- additional lock ZW550 (7C class) **7 C**
- solid anti-breaking bolts
- reinforced triple-locked hinges with blocking of disassembly and aluminium caps
- the door leaf fillister seal
- steel frame with seal (optional profiles FD, FC, FR, FN)
- adjustable latch hook in the frame
- wooden oak usable threshold with seal (19 mm or 35 mm) or stainless threshold with seal (19 mm or 32 mm)

## OPTIONAL EQUIPMENT - EXTRA CHARGE

- fittings - page 38
- additional fittings - page 40-43
- NORWEGIAN wooden usable threshold with seal and aluminium cap
- installation threshold of frames: FD, FC, FR, FN
- built-in electromagnetic latch



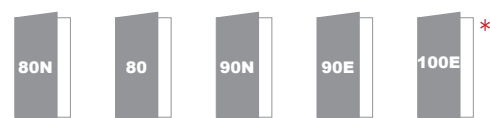
Integrated door closer as a standard for fireproof door



According to the report research

<b>NORMS</b>		mortise lock	security and resistance class to drilling according to PN-EN 12209
	min	1 2 3 4 5 6 7	max
		inserts to locks	attack resistance class according to PN-EN 1303 key code security class according to PN-EN 1303
min	0 1 2	max	
min	1 2 3 4 5 6	max	
	Insert and mortise locks	burglary resistance class according to KT/402/IMP/2009 (for inserts) according to KT/401/IMP/2009 (for mortise locks)	
min	T A B C	max	

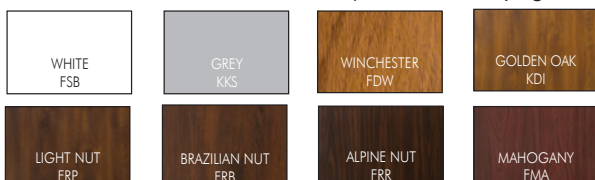
## AVAILABLE DOOR SIZES



Size 100E extra charge 15% to the door set price

\* does not occur in the color FCC Calvados

## SELECTED DOORS COLOUR (full colour on page 46-47)



DOOR DESIGNS AVAILABLE ON PAGE 11



#### DOOR USES

Security doors to be used as the main entrance doors to flats in multi-family housing medium hazard burglary, equipped as standard with a steel frame with a gasket. The door leaf sandwich structure with steel core box reinforced rods of hardened steel.

#### TECHNICAL PARAMETERS

- door leaf thickness 48 mm
- door leaf with reinforced strap and seal for better insulation values
- steel core of the door leaf made of galvanized steel sheet, protected layer of varnish against corrosion. Top layer is covered a decorative laminate resistance to adverse conditions
- insulation material - the ecological foamed EPS polystyrene higher density. In the case of fire doors special mineral wool.
- in the door leaf construction is a hardened steel bars
- double door seal around the outer edge provided by gasket in the door leaf, frame and threshold
- frame made of sheet steel, galvanized 1.5 mm thickness laminated in the door leaf colour
- stable frame with a width of 116mm mounted by internal supports (concealed mounting points)
- the door leaf and frame equipped with steel reinforcement brackets at the point of attachment hinges
- adjustable reinforced triple hinges for adjusting the door at many levels and matching the door leaf and the frame
- possibility of ordering the door leaf shortened by up to 100 mm
- all bolt holes in the frame are secured aesthetic plastic inserts
- the bottom edge of the door leaf is secured by closing slot
- adjustable hook latch of the door handle
- possibility to use electromagnetic latch to all types of frames

#### SAFETY

- high resistance to burglary RC2N class according to PN-EN 1627
- the door leaf equipped with two separate multipoint locks
- both locks in the highest burglary resistance **7 C**
- solid anti-breaking bolts mounted in steel reinforcing brackets
- three adjustable safety hinges protected from disassembling
- steel core of the door leaf made of sheet steel and reinforced hardened steel bars
- both certified shields have burglary protection inserts
- door limiter can be installed optional to all models door
- insert of the main lock with assembly key has the highest security class **6 2 C**
- insert with the knob of additional lock has high protection class **5 1 B**
- possibility of ordering upper insert with knob with additional assembly key in the highest security class **6 2 C**

#### FRAMES, THRESHOLDS

- in the standard available three frame profiles with a gasket to allow installation of doors adapted to the specificities of the mounting hole and accessories (assembly portals)
- frames available in colour compatible with the colour of the door leaf – Page 57
- wooden Norwegian thresholds with the gasket in four colours (height 19mm or 35mm)
- wooden oaken thresholds with the gasket (height 19mm or 35mm)
- metal thresholds with the gasket (height 19mm or 35mm)

#### FUNCTIONALITY AND DESIGN

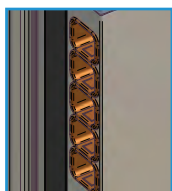
- available 2 models of facing panels in 8 wooden and uniform colours
- handles and shields available in two colours
- door hinges protected with aluminium caps in fittings colour



Solid anti-breaking bolts



Additional upper lock



Covers holes of the frame



Central lock (thicker bolts)



Anti-breaking cover of the central lock



Adjusted hinges



Protective caps on hinges





EI,30

For door WP30(S)



48



31/34



NO



2



NO



6

WD

WP 30(S)

FIREPROOF DOOR

## DOOR LEAF STRUCTURE

1. steel core of the door leaf made of galvanized steel sheet, varnished. Top layer is covered a decorative laminate resistance to adverse conditions
2. insulation material - the ecological foamed EPS polystyrene higher density. In WP 30(S) model special mineral wool.
3. hardened steel rods
4. central lock
5. additional lock (upper)
6. door limiter (optional equipment)
7. adjusted hinges
8. solid anti-breaking bolts
9. fillister seal
10. closing slat



## STANDARD EQUIPMENT - IN THE PRICE DOOR

- steel door leaf
- main lock ZW 1000 (7C class) **7 C**
- additional lock ZW550 (7C class) **7 C**
- solid anti-breaking bolts
- reinforced triple-locked hinges with blocking of disassembly and aluminium caps
- the door leaf fillister seal
- steel frame with seal (optional profiles FD, FC, FR, FN)
- adjustable latch hook in the frame
- wooden oak usable threshold with seal (19 mm or 35 mm) or stainless threshold with seal (19 mm or 32 mm)



Integrated door closer as a standard for fireproof door

## OPTIONAL EQUIPMENT - EXTRA CHARGE

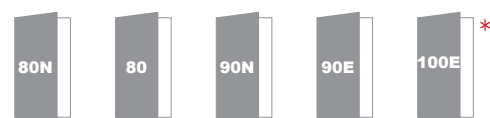
- fittings - page 38
- additional fittings - page 40-43
- NORWEGIAN wooden usable threshold with seal and aluminium cap
- installation threshold of frames: FD, FC, FR, FN
- built-in electromagnetic latch



According to the report research

<b>NORMS</b>		mortise lock	security and resistance class to drilling according to PN-EN 12209
	min	1 2 3 4 5 6 7	max
		inserts to locks	attack resistance class according to PN-EN 1303 key code security class according to PN-EN 1303
	min	0 1 2	max
	min	1 2 3 4 5 6	max
	min	T A B C	max
	Insert and mortise locks		burglary resistance class according to KT/402/IMP/2009 (for inserts) according to KT/401/IMP/2009 (for mortise locks)

## AVAILABLE DOOR SIZES



Size 100E extra charge 15% to the door set price

\* does not occur in the color FCC Calvados

## SELECTED DOORS COLOUR (full colour on page 46-47)



DOOR DESIGNS AVAILABLE ON PAGE 11

# DOOR ARCHITRAVES AND PORTALS



## Door architraves

- Door architraves are an additional element of door frame finish.
- They are to be used with internal steel and panel Gerda entrance door (inside a building) with sizes: 80N, 80, 90N, 90E, 100, 100E.
- The architraves are available in sets for a single door side or for both sides.
- Architraves width 80 mm, thickness: 12 mm

## Door portals

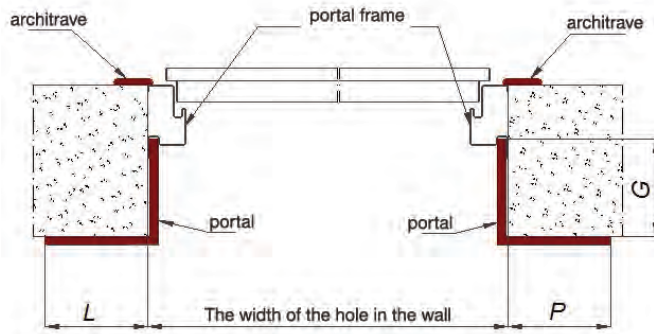
- A door portal is a special type of a finish architrave, which underlines the style of the door much better than a standard architrave due to being incorporated around the frame and asymmetrical width.
- Decision about purchasing a portal should be made before the door are purchased, because they are fastened to a special frame designed for this purpose.

### APPLICATION:

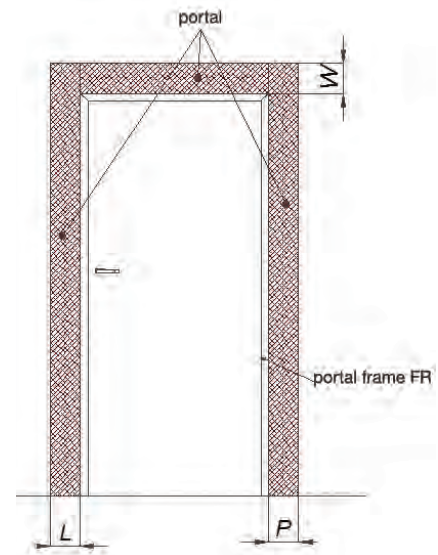
- Portals are to be used with internal steel and panel Gerda entrance door (inside a building) with sizes: 80N, 80, 90N, 90E, 100, 100E. Portals can be installed in steel door and door fitted with decorative panels.
- Portals are installed with a FR frame with a seal that enables additional construction in the frame opening to the depth of 100 mm to 400 mm, depending on wall thickness.
- The portal covers the jamb with its architraves, building around the jamb opening:
  - symmetrically to a height of: 100/100, 150/150 (depending on the version),
  - asymmetrically to a width of: L 150/P 300, L300/P 150 (depending on the version).
- Portal is made of a 12 mm thick MDF and fixed to wall with a fixing foam.



## Dimensions of the portals



L - portal width, left side  
 P - portal width, right side  
 W - portal width, top side  
 G - portal depth



	PORTAL TYPE	DEPTH (mm)
ECCO - SYMMETRICAL PORTALS (wym. L, P, W = 100 mm)	ECCO 100	100
	ECCO 200	200
	ECCO 300	300
	ECCO 400	400
STANDARD - SYMMETRICAL PORTALS (wym. L, P, W = 150 mm)	STANDARD 100	100
	STANDARD 200	200
	STANDARD 300	300
	STANDARD 400	400
LUX - ASYMMETRICAL PORTALS (wym. L, P, W = 150, 300, 150 mm lub 300, 150, 150 mm)	LUX 100 P / LUX 100 L	100
	LUX 200 P / LUX 200 L	200
	LUX 300 P / LUX 300 L	300
	LUX 400 P / LUX 400 L	400

## COLOURS OF ARCHITRAVES AND PORTALS

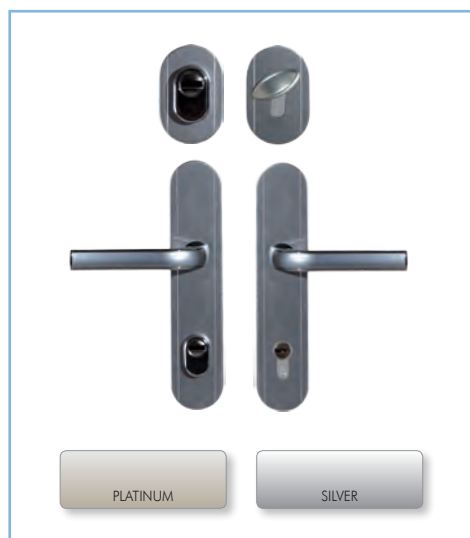




# FITTINGS



	S PREMIUM	SX10 PREMIUM
TYPES OF EQUIPMENT	C-VC	C-VC
CYLINDER OF THE MAIN LOCK	RIM 6000 S	RIM 6000SX
CYLINDER OF THE ADDITIONAL LOCK (WITH KNOB FROM THE APARTMENT)	PROSYSTEM (G3550, G5530)	PROSYSTEM (G4060, G6040)
UPPER SHIELD	Protected	
MAIN SHIELD	Protected	
DOOR HANDLES - TECHNO	Set.	
DECORATIVE COVERS OF HINGES	Set	
END CAP OF DOOR LIMITER	Pcs	



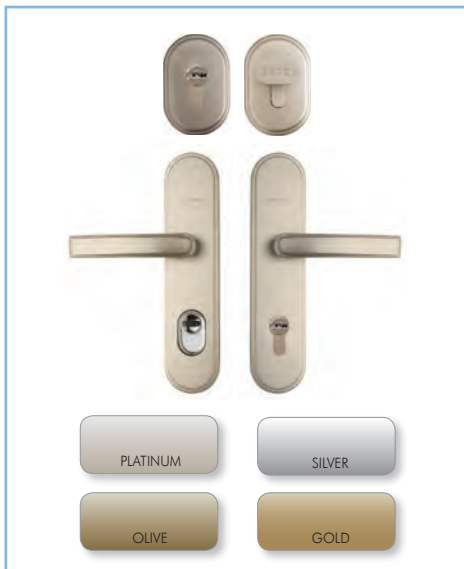
	WD PREMIUM	C PREMIUM	WX 10 PREMIUM	CX 10 PREMIUM
TYPES OF EQUIPMENT	MVC-VC		MVC-VC	
CYLINDER OF THE MAIN LOCK	PROSYSTEM Z (5030)		PROSYSTEM Z (6040)	
CYLINDER OF THE ADDITIONAL LOCK (WITH KNOB FROM THE APARTMENT)	PROSYSTEM (G3550, G5530)		PROSYSTEM (G4060, G6040)	
UPPER SHIELD	Protected			
MAIN SHIELD	Protected			
DOOR HANDLES - ANACONDA	TD 200	TD 1000	TD 200	TD 1000
DECORATIVE COVERS OF HINGES	Set			
END CAP OF DOOR LIMITER	Pcs			



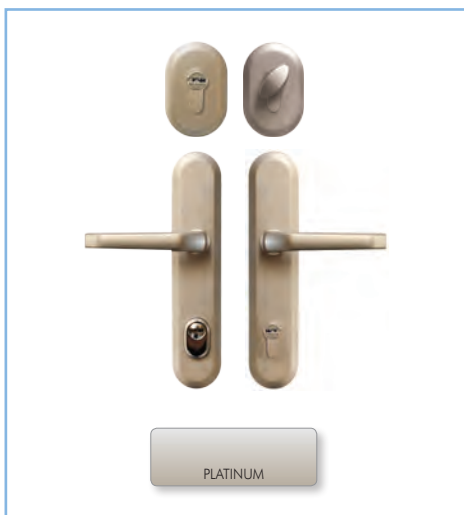
	S STANDARD		SX 10 STANDARD	
TYPES OF EQUIPMENT	C-B	C-C	C-B	C-C
CYLINDER OF THE MAIN LOCK	RIM 6000 S	RIM 6000 S	RIM 6000SX	RIM 6000SX
CYLINDER OF THE ADDITIONAL LOCK (WITH KNOB FROM THE APARTMENT)	EVO (G3045, G4530)	WKM7 (G3045, G4530)	EVO (G3550, G5035)	WKM7 (G3550, G5035)
UPPER SHIELD	Protected			
MAIN SHIELD	Protected			
DOOR HANDLES - TECHNO	Set			
DECORATIVE COVERS OF	Set			
END CAP OF DOOR LIMITER	Pcs			

V – EURO profile cylinders equipped with assembly key (requires self transcoding to the correct key)  
M – One Key System - a single key opens

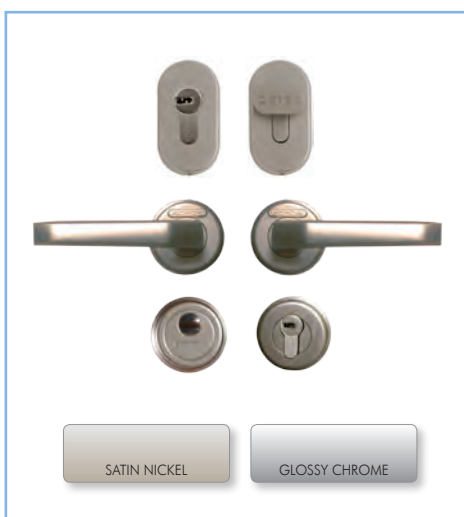
the central and the additional lock  
C – attested insert in C Class  
B – attested insert in B Class  
A – standard insert



Types of equipment	WX 10 / WPX 3010D(S) STANDARD		CX 10 / CX 3010D(S) STANDARD	
	VC-A	MVC-VC	C-A	MC-C
CYLINDER OF THE MAIN LOCK	PROSYSTEM (3550)	PROSYSTEM (3550)	WKM7 (3550)	WKM7 (3550)
CYLINDER OF THE ADDITIONAL LOCK (WITH KNOB FROM THE APARTMENT)	WKE1 (G3550, G5035)	PROSYSTEM (G3550, G5035)	WKE1 (G3550, G5035)	WKM7 (G3550, G5035)
UPPER SHIELD	Protected			
MAIN SHIELD	Unprotected			
DOOR HANDLES - ORIENT	TD 200	TD 200	TD 1000	TD 1000
DECORATIVE COVERS OF HINGES	Set			
END CAP OF DOOR LIMITER	Pcs			



Types of equipment	C / CP 30(S) STANDARD	
	C-A	MC-C
CYLINDER OF THE MAIN LOCK	WKM7 Z (3045)	
CYLINDER OF THE ADDITIONAL LOCK (WITH KNOB FROM THE APARTMENT)	WKE1 (G2843, G4328)	WKM7 (G3045, G4530)
UPPER SHIELD	Unprotected	
MAIN SHIELD	Protected	
DOOR HANDLES - BLOK	TD 1000	
DECORATIVE COVERS OF HINGES	Set	
END CAP OF DOOR LIMITER	Pcs	







Types of equipment	WD / WP30(S) STANDARD		
	VC-A	MVC-VC	B-A
CYLINDER OF THE MAIN LOCK	PROSYSTEM (3045)	PROSYSTEM (3045)	EVO (3045)
CYLINDER OF THE ADDITIONAL LOCK (WITH KNOB FROM THE APARTMENT)	WKE1 (G2843, G4328)	PROSYSTEM (G3045, G4530)	WKE1 (G2843, G4328)
UPPER SHIELD	Unprotected		
MAIN SHIELD	Protected		
DOOR HANDLES	Set		
DECORATIVE COVERS OF	Set		
END CAP OF DOOR LIMITER	Pcs		

# ADDITIONAL FITTINGS






Equipment	Description	To the door
	Zespół klamek TECHNO door handle + door handle	Metal door STARNARD S Panel door PREMIUM SX10
	Szyld ochronny z wkładką RIM 6000	Metal door STANDARD S Panel door PREMIUM SX10
	Szyld górnym chroniony	Metal door STANDARD S Panel door STANDARD SX10 Metal door PREMIUM S Panel door PREMIUM SX10
	Shield TD 200/TD 1000 ANCONA door handle + door handle	Metal door PREMIUM C i WD Panel door PREMIUM CX10 i WX10
	Shield TD 200/1000 ANCONA górnym chroniony + niechroniony	Metal door PREMIUM C i WD Panel door PREMIUM CX10 i WX10
	Shield TD 1000 door handle + door handle	Metal door STANDARD C CP30(5)
	Shield TD 1000 Knob + door handle	Metal door STANDARD C CP30(5)
	Shield TD 1000 górnym niechroniony + pokrętko	Metal door STANDARD C CP30(5)



Equipment		Description	To the door
		Shield TD 200 ORIENT door handle + door handle	Panel door STARNARD WX10
		Shield TD 200 ORIENT Knob + door handle	Panel door STARNARD WX10
		Shield TD 200 ORIENT górný niechroniony + pokrętko	Panel door STARNARD SX10 CX10 WX10
		Door handles set - door handle + door handle	Metal door STARNARD WD
		Reinforced protective shield of insert	Metal door STARNARD WD
		Door handles set - szyld górný niechroniony + pokrętko	Metal door STARNARD WD
		End cap of door limiter	All models
		Door limiter (entrance protection when the door is partly open)	Metal door STARNARD S, SX10, PREMIUM S, SX10
		Door limiter (entrance protection when the door is partly open)	Panel door STARNARD CX10, CPX3010(S), WX10, WPX3010(S), PREMIUM CX10, WX10 PREMIUM C, WD
		Door limiter (entrance protection when the door is partly open)	Metal door STARNARD C, CP30(S), WD, WP30(S)

# ADDITIONAL FITTINGS

Equipment	Description	To the door	
	<ul style="list-style-type: none"> <li>• electronic panoramic viewer 35-100 mm, diameter 14 mm</li> <li>• screen 4,3"</li> <li>• save pictures or video on an SD card (card not included)</li> <li>• two batteries and charger included</li> <li>• ringing function</li> </ul>	All models	
	Panoramic viewer 35/55	STANDARD WD, C, S	
	Panoramic viewer 50/85	STANDARD WX10, CX10	
	Panoramic viewer WPS 35/55 Panoramic viewer WPS 50/85	STANDARD SX10  PREMIUM SX10, CX10, WX10 PREMIUM S, C, WD STANDARD CPX, WPX	
	Closing strip	STANDARD WD, C, S	
	Closing strip	STANDARD WX 10, C10, SX10	
	Closing strip	PREMIUM WD, C, S	
	Closing strip	PREMIUM WX10, CX10, SX10	
	Closer GEZE GT 1500 Standard	STANDARD WD	
	Closer GEZE GT 1500 Blokada	PREMIUM WD, C, S, STANDARD S, C	
	Closer GEZE GT 2000 Standard	STANDARD WX10, CX10, SX10	
	Closer GEZE GT 3000 Standard	PREMIUM WX10, CX10, SX10	
 19 mm	 35 mm	Norwegian threshold (19 mm i 35 mm)	All models
 19 mm	 35 mm	Wooden oak thresholds (19 mm i 35 mm)	Metal and panel STANDARD
 19 mm	 32 mm	Metal thresholds (19 mm i 32 mm)	Metal and panel STANDARD
			Metal and panel PREMIUM

Equipment	Description	To the door	CENA
	Decorative caps for hinges - three hinges set	All models	
	Uszczelka szczotkowa dolnej krawędzi drzwi	All models	
	Preparation to the maintenance of locks and cylinders	All models	25 ml
			100 ml
			400 ml
	Dyble (132x10 dostępne w opakowaniach po 100 szt.	All models	
	Touch-up lacquers to the metal and panel door. Colours: grey, fir green, anthracite, maroon, white, brown, light brown.	All models	

## Assembly foam, glues, silicones, acrylics by Gerda!



Door model	Size of the EURO profile cylinder	Type of the EURO profile cylinder	
PREMIUM	WD C	PROSYSTEM Z 5030	INSERT RACK AND PINION/
		PROSYSTEM 3550/5530	THUMB TURNS
		PROSYSTEM G3550/G5530	THUMB TURNS / System V
		PROSYSTEM Z 5030 + G3550/G5530	One Key System/ System V
	S	RIM 6000 SX PREMIUM 5530	
		PROSYSTEM G3550/G5530	THUMB TURNS
		PROSYSTEM G3550/G5530	THUMB TURNS / System V
	WX10 CX10	PROSYSTEM Z 6040	INSERT RACK AND PINION/
		PROSYSTEM G4060/G6040	THUMB TURNS
		PROSYSTEM G4060/G6040	THUMB TURNS / System V
	SX10	PROSYSTEM Z 6040 + G4060/G6040	One Key System/ System V
		RIM 6000 SX PREMIUM	
		PROSYSTEM G4060/G6040	THUMB TURNS
	STANDARD	WD WP30S	PROSYSTEM G4060/G6040
EVO 3045			THUMB TURNS
EVO G3045/G4530			THUMB TURNS
WKM4/PROSYSTEM 3045			THUMB TURNS
WKM4/PROSYSTEM 3045			THUMB TURNS / System V
WKM4/PROSYSTEM G3045/G4530			THUMB TURNS
WKM4/PROSYSTEM G3045/G4530			THUMB TURNS / System V
WKM4/PROSYSTEM 3045 + G3045/G4530			One Key System/ System V
WKE1 G2843/G4328	THUMB TURNS		

Door model	Size of the EURO profile cylinder	Type of the EURO profile cylinder
C CP30S	WKM7 Z 3045	INSERT RACK AND
	WKM7 G3045/G4530	THUMB TURNS
	WKM7 Z 3045 + G3045/G4530	One Key System/ System V
	WKE1 G2843/G4328	THUMB TURNS
	RIM 6000 SX	
S	EVO G3045/G4530	THUMB TURNS
	WKM7 G3045/G4530	THUMB TURNS
	WKM4/PROSYSTEM G3045/G4530	THUMB TURNS / System
	WKE1 G2843/G4328	THUMB TURNS
	WKM4/PROSYSTEM 3550	THUMB TURNS
WX10 WPX3010S	WKM4/PROSYSTEM 3550	THUMB TURNS / System
	WKM4/PROSYSTEM G3550/G5035	THUMB TURNS
	WKM4/PROSYSTEM G3550/G5035	THUMB TURNS / System
	WKM4/PROSYSTEM 3550 + G3550/G5035	One Key System/ System V
	WKE1 G3550/G5035	THUMB TURNS
CX10 CPX3010S	WKM7Z 3550	INSERT RACK AND
	WKM7 G3550/G5035	THUMB TURNS
	WKM7 Z 3550 + G3550/G5035	One Key System/ System V
	WKE1 G3550/G5035	THUMB TURNS
SX10	RIM 6000 SX	
	WKM7 G3550/G5035	THUMB TURNS
	WKM4/PROSYSTEM G3550/G5035	THUMB TURNS / System
	WKE1 G3550/G5035 EVO	THUMB TURNS

V – EURO profile cylinders equipped with assembly key (requires self transcoding to the correct key)



# DOOR FRAMES

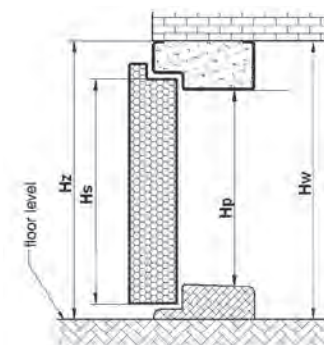
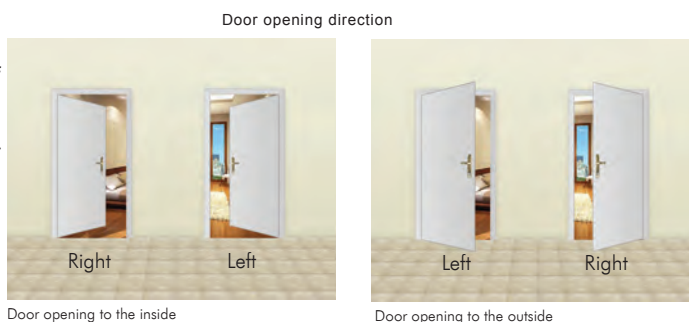
PROFILES AND DRAWING FRAMES						
S	WD WP30 C CP 30	S PREMIUM C PREMIUM WD PREMIUM	SX 10 CX 10 CPX 3010 WX 10 WPX 3010	SX10 PREMIUM CX10 PREMIUM WX10 PREMIUM	MODEL DOORS	TYPE OF FRAME
80N, 80, 90N, 90E, 100	80N, 80, 90N, 90E, 100E	80N, 80, 90E	80N, 80, 90N, 90E 100E	80, 90E		
						FA SL PREMIUM
						FT SL PREMIUM
						FR SL PREMIUM
						FA SL
						FR SL
						FT SL
						FC PREMIUM
						FR PREMIUM
						FT PREMIUM
						FD
						FC
						FR
						FN

# FRAMES

## - ASSEMBLY INFORMATION

### IMPORTANT INFORMATION REQUIRED WHEN INSTALLING DOOR

Due to the design corner frame allows embedding door Gerda in place of the exchanged door without to forge hole (e.g. doors replacement of in old building). Corner frame is adapted for mounting „the anchors”.



Demonstrative drawing for the frame and threshold:  
FD, FC, FC SL, FR, FR SL, FA SL, FC SL PREMIUM, FR SL PREMIUM

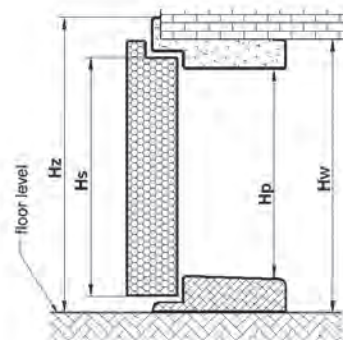
**Attention!** Precise direction of door opening should be set with the seller during the order.

### MAIN DIMENSIONS OF DOOR LEAVES AND DOOR FRAMES - HEIGHT

Used in the table: Hz, Hs, Hp, Hw, determine appropriate dimensions according to demonstrative drawings next to the table.

IDENTIFICATION FRAME	THRESHOLD	HZ	HS	HP	HW
FD FC, FC PREMIUM, FR, FR PREMIUM, FR SL, FR SL PREMIUM, FA SL, FA SL PREMIUM	Without the threshold	2070 / 2075	2025	2021	2070 / 2075
	Norwegian, Drewniany 35 mm	2080 / 2085	2025	1995	2080 / 2085
	Metal 32 mm	2075 / 2080	2025	1995	2075 / 2080
	Norwegian, Drewniany, Metal 19 mm	2070 / 2075	2025	2000	2070 / 2075
FN / FT SL, FT PREMIUM, FT SL PREMIUM	Without the threshold	2070 / 2075	2025	2021	2040
	Norwegian, Drewniany 35 mm	2075 / 2080	2025	2000	2050
	Metal 32 mm	2075 / 2080	2025	2000	2045
	Norwegian, Drewniany, Metal 19 mm	2070 / 2075	2025	2005	2040

Jezeli w tabeli wymiary różnią się w ramach ościeżnic, zostały one rozdzielone znakiem ukośnika (/)

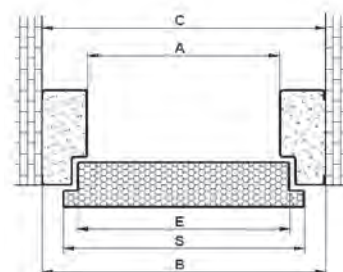


Demonstrative drawing for the frame and threshold:  
FN, FT SL, FT SL PREMIUM

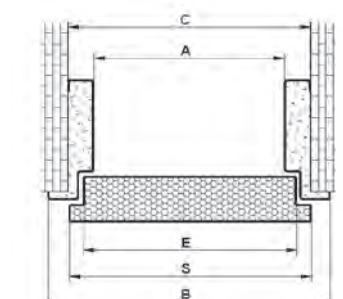
### MAIN DIMENSIONS OF DOOR LEAVES AND DOOR FRAMES - HEIGHT

Used in the table: A, B, C, E and S, determinate appropriate dimensions according to demonstrative drawings next to the table.

DOOR TYPE	DOOR MODEL	DOOR LEAVES		DOOR FRAMES											
				FD			FN			FC, FC PREMIUM, FA SL, FA SL PREMIUM, FR, FR SL, FR SL PREMIUM, FR PREMIUM			FT SL FT SL PREMIUM		
				A	B	C	A	B	C	A	B	C	A	B	C
80N	WD, C	782	812	764	860	860	765	860	800	765	872	872	-		
	S	783	813										765	872	799
	WX10, CX10, SX10	785	815										765	872	799
80	WD, C	812	842	794	890	890	795	890	830	795	902	902	-		
	S	813	843										795	902	829
	WX10, CX10, SX10	815	845										795	902	829
90N	WD, C	882	912	864	960	960	865	960	900	865	972	972	-		
	S	883	913										865	972	899
	WX10, CX10, SX10	885	915										865	972	899
90E	WD, C	925	955	907	1003	1003	908	1003	943	908	1015	1015	-		
	S	926	956										908	1015	942
	WX10, CX10, SX10	928	958										908	1015	942
100	S	1013	1043	994	1090	1090	995	1090	1030	995	1102	1102	-	-	-
100E	WD, C	1025	1055	1007	1103	1103	1008	1103	1043	1008	1115	1115	-		
	WX10, CX10, SX10	1028	1058										1008	1115	1042



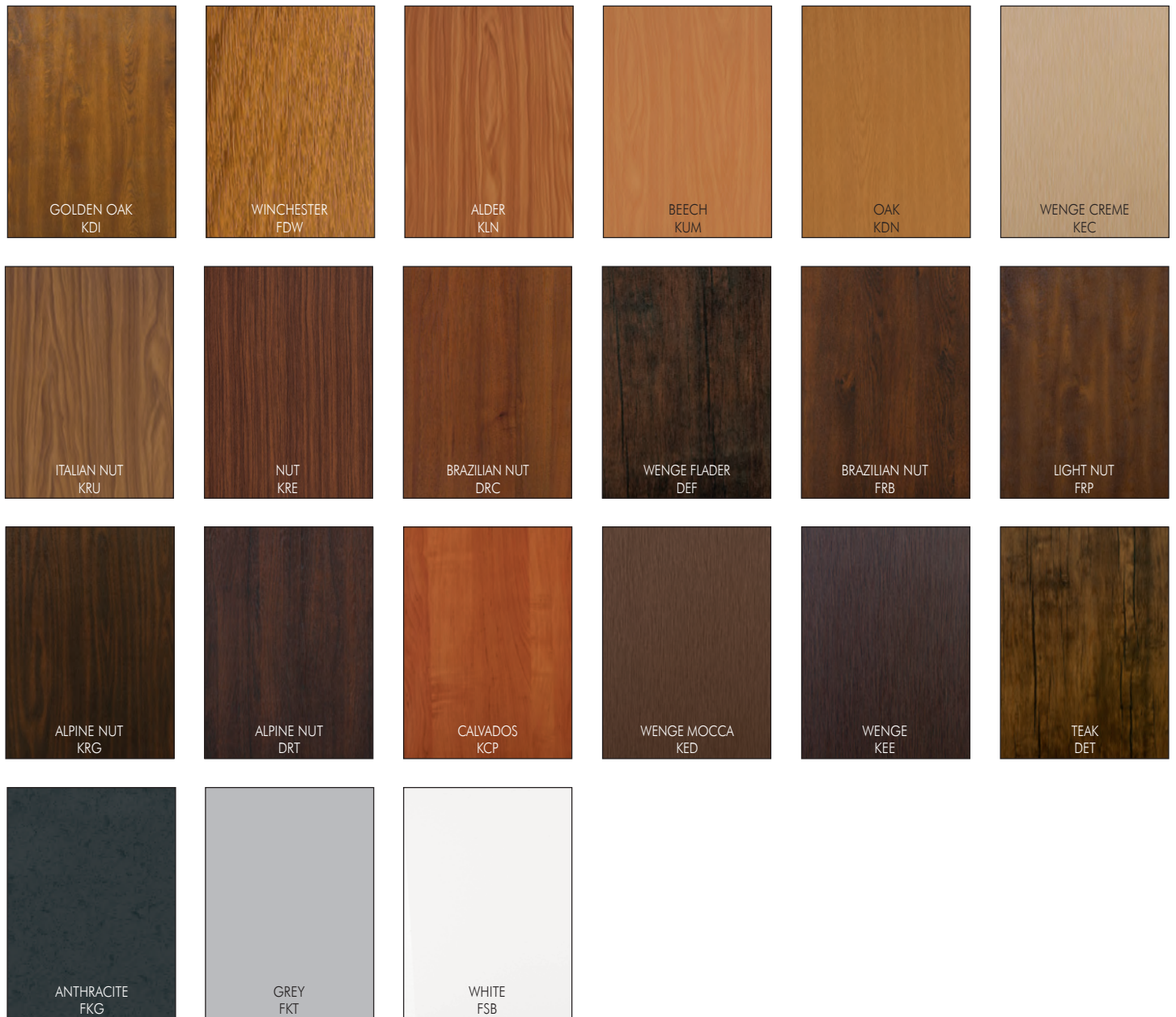
Demonstrative drawing for frames and thresholds:  
FD, FC, FC SL, FR, FR SL, FA SL, FC SL PREMIUM, FR SL PREMIUM



Demonstrative drawing for frame:  
FN, FT SL, FT SL PREMIUM

# COLOURS CARD

## COLOURS PANEL DOORS - STANDARD AND PREMIUM

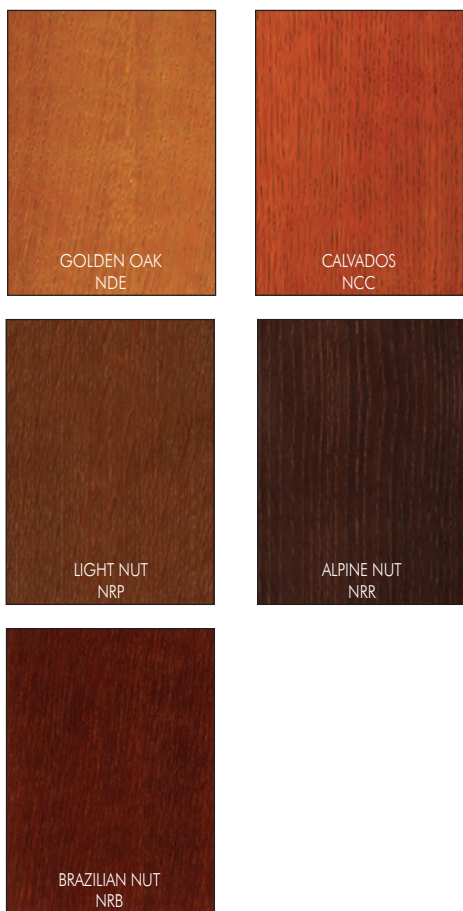


## COLOUR PANEL SLATS AND FRAMES

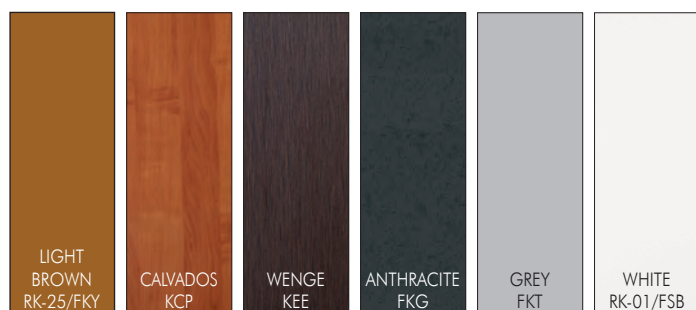
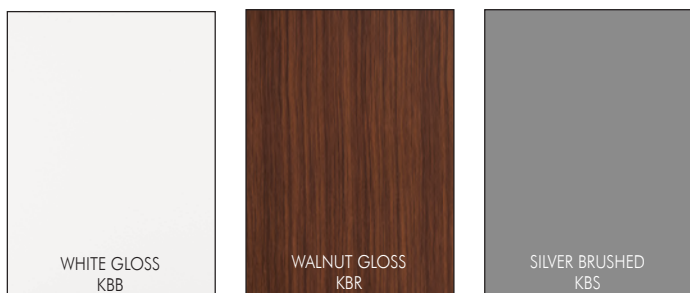




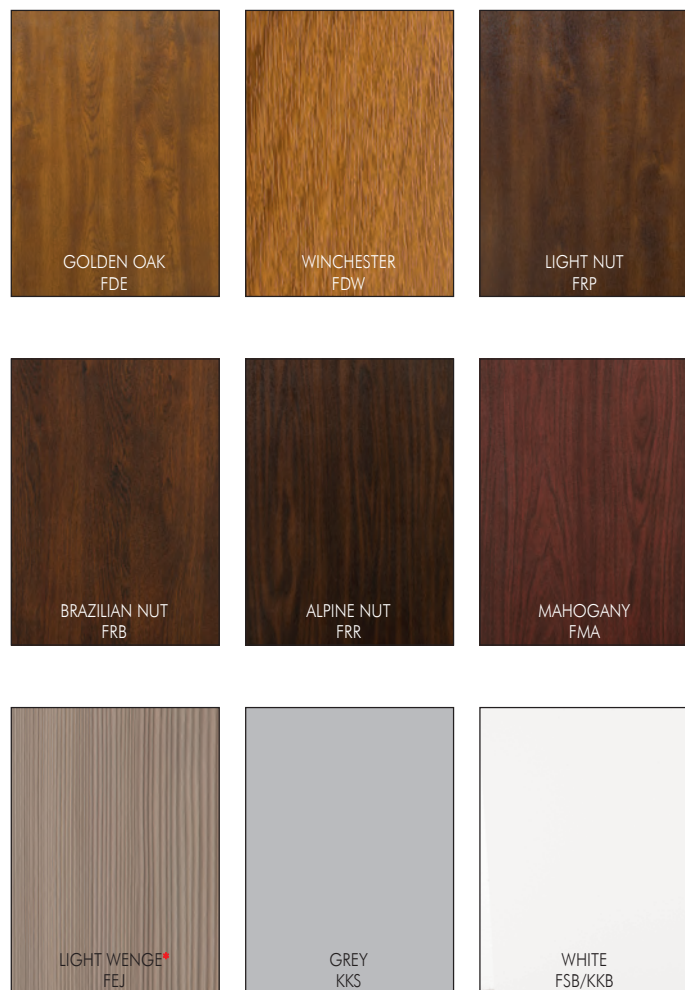
Colours available only for door designs:  
N03M, N01V, N02H, NL2V, NL1H, NL2M



GLOSS colorus available only in PREMIUM models

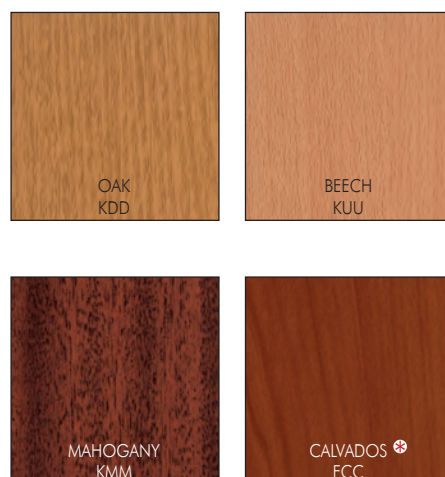


COLOURS METAL DOORS - STANDARD AND PREMIUM



\* Only for PREMIUM door

Colours for STANDARD door- offer subject to availability



\* For 100E does not occur colour FCC Calvados

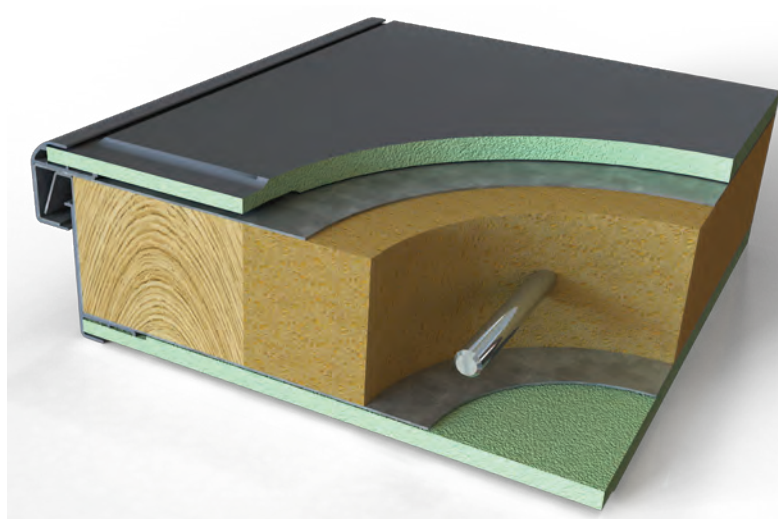
# DOORS TO HOUSES

Panel doors is a top quality product of the GERDA company. Perfectly are combining the best features of metal door that is solid and tough structure the highest level of security and reliability with aesthetics, with individuality of modern door for customers the most requiring. Panel doors have excellent thermal insulation parameters. Panel doors are made from high quality material resistant to specific operating conditions (temperature differences, humidity). Decorative coverings are mounted on both sides to steel door construction forming door box structure and additional reinforcement and muting whole structure.

1. Door leaf thickness 66 mm
2. Designs and colours
3. Double sealing of the door leaf and the frame
4. Possibility of combining two different design and colours on one door leaf (inside / outside)
5. Attractive design of fittings and door handles
6. Additional brush seal
7. Door panels improve acoustic properties - better soundproofing
8. New structure of glazing developed specifically for panel doors
9. New material from which are made panels is durable and resistant to weather conditions
10. Modern, durable and warm "Norwegian" threshold / composite threshold in several attractive colours
11. Panel doors surface is flushed with decorative

inserts

12. The construction of the hinge prevents its removal or forcing doors and facilitates precise adjustment in all planes
13. The possibility of exchanging panels after scratching, mechanical damage or when changing the decor - individualization
14. Doors have two solid locks with Multipoint locking system, solid anti-breaking bolts and adjustable latch hook, optionally equipped with a door limiter (entrance protection when the door is partly open) with the ability to secure repeal of the door



Multi-layer door design, excellent thermal and acoustic parameters.









**Warm frame PERFOTHERM<sup>®</sup> in the door price**





The main advantage of the panel door is flexibility in exterior design. Gerda offer diversity of designs and colors panels giving a lot of flexibility in the arrangement and the possibility of individualization. In addition, the manufacturing process makes it possible embodiment of the door in two different colors and patterns on the inside and outside. The method of fixing panels to the door box structure allows for easy dismantling and replacement in case of damage or change the arrangement without the need for costly replacement of all doors.



DOOR TYPE	TECHNICAL INFORMATION				ANTIBURGLAR EQUIPMENT			
								
WX 20	–	66	34	1,2	–	RC2	–	6
CX 20	–	66	35	1,1	C	RC3	●	9
SX 20	–	66	35	1,1	C	RC4	●	15
GWX 20	●	66	35	1,3	–	RC2N	–	6
GSX	●	66	35	1,2	C	RC3	●	14/15

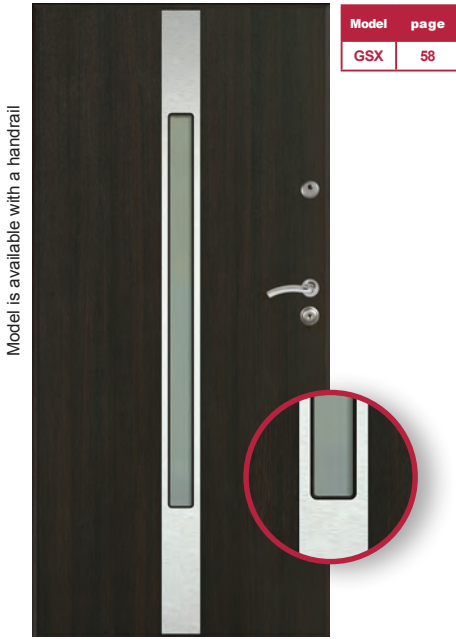
Ratios of thermal insulation are given for the door set with a warm frame PERFOTHERM ®

#### DESCRIPTION

-  Glazing
-  Door leaf thickness (mm)
-  Thermal heat transfer coefficient (allowed max 1.7 W/ (m2. K))
-  Ratio insulation acoustic (required min 27 dB)
-  Burglary resistance class to burglary according to Polish norm PN-90/B-92270
-  Burglary resistance class to burglary according to European norm PN-EN
-  Multipoint Central lock
-  Point bolts q'ties



SNI MILANO 8



SZT HANOWER 6



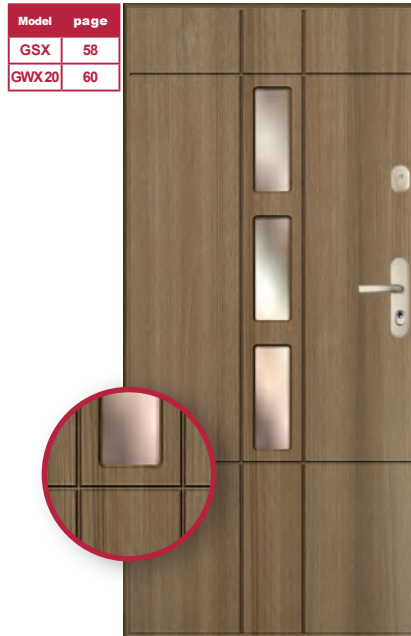
SW5 HANOWER 3



SW6 HANOWER 4



SPR ROSTOCK



SPS ROSTOCK



SNJ MILANO 3



SNK MILANO 4



SNG MILANO 1



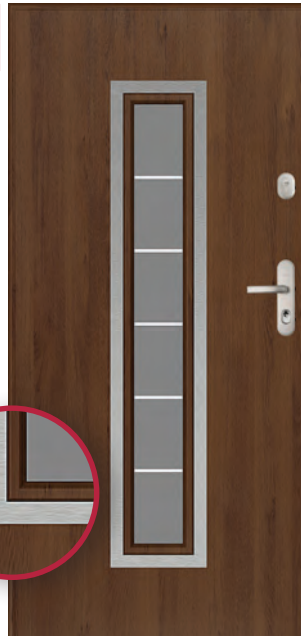
SNH MILANO 2

Model	page
GWX 20	60



SW1 HANOWER

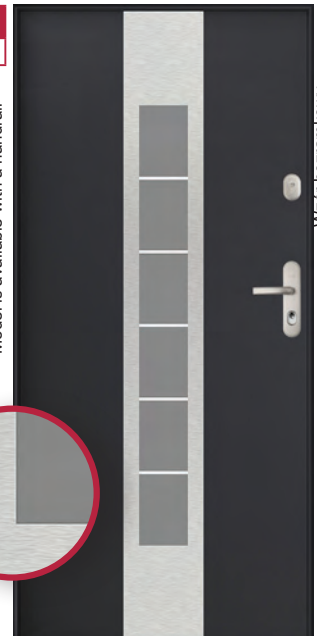
Model	page
GWX 20	60



Model is available with a handrail

SW4 HANOWER 2

Model	page
GWX 20	60

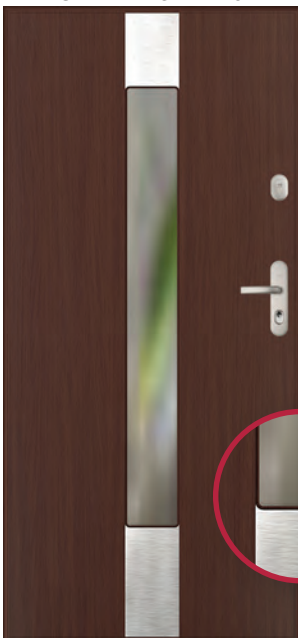


Model is available with a handrail

Wzrost bezramkowy

SYT HANOWER 5

Model	page
GWX 20	60



Model is available with a handrail

S7A MODENA 1

Model	page
GWX 20	60



Model is available with a handrail

SSA SEVILLA

Model	page
GWX 20	60



SSB SEVILLA

Model	page
GWX 20	60



SJR REGINA

Model	page
GWX 20	60



Model is available with a handrail

SE4 GRANADA

Model	page
GWX 20	60





SFG BREMA GRANDE



Model	page
GWX 20	60

SG1 BREMA



Model	page
GWX 20	60

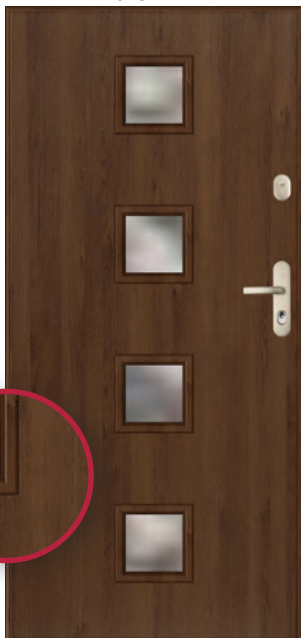
Model is available with a handrail

SL4 PATRA



Model	page
GWX 20	60

W23 OLYMPIA



Model	page
GWX 20	60

G62 MARATON



Model	page
GSX	58
GWX 20	60

G51 SPARTA



Model	page
GSX	58
GWX 20	60

W61 NEAPOL



Model	page
GSX	58
GWX 20	60

WIG GENEWA 1



Model	page
GSX	58
GWX 20	60

W75 GENEWA



Model	page
GSX	58
GWX 20	60

Model is available with a handrail

Model is available with a handrail

Model is available with a handrail



S4V COVENTRY 2

Model	page
GSX	58
GWX	60



WXT ADRIA

Model	page
GWX 20	60



W4Z LONDYN 1

Model	page
GWX 20	60



S1V MESYNA

Model	page
GWX 20	60



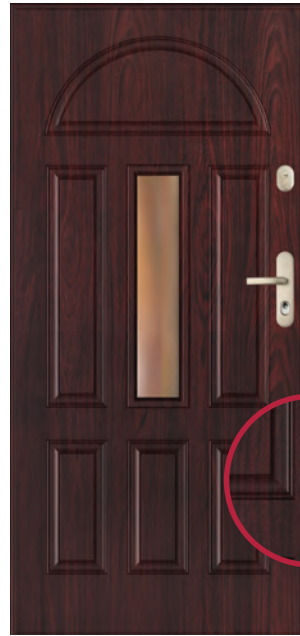
SOE BERGAMO

Model	page
GWX 20	60



W91 WERONA 1

Model	page
GWX 20	60



W92 WERONA 2

Model	page
GWX 20	60



W93 WERONA 3

Model	page
GWX 20	60



SBX BRADFORD 1

Model	page
GWX 20	60



W52 KAPITOL



Model	page
GWX 20	60

W53 BARCELONA



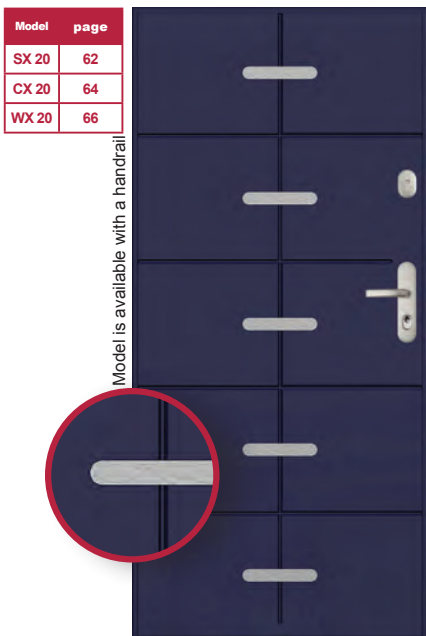
Model	page
GWX 20	60

PLK KINGSTON



Model	page
SX 20	62
CX 20	64
WX 20	66

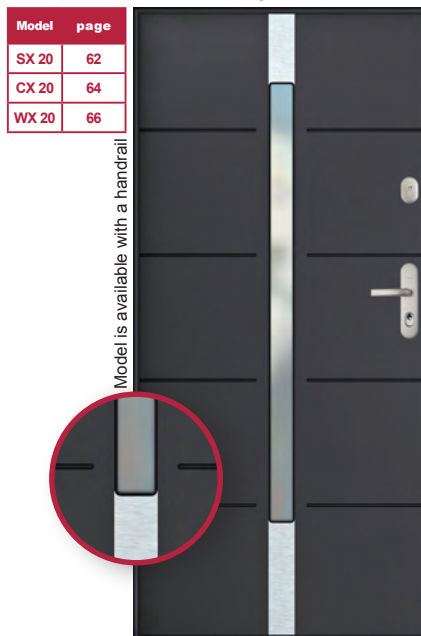
PLP PRATO



Model	page
SX 20	62
CX 20	64
WX 20	66

Model is available with a handrail

PLR ROTTERDAM

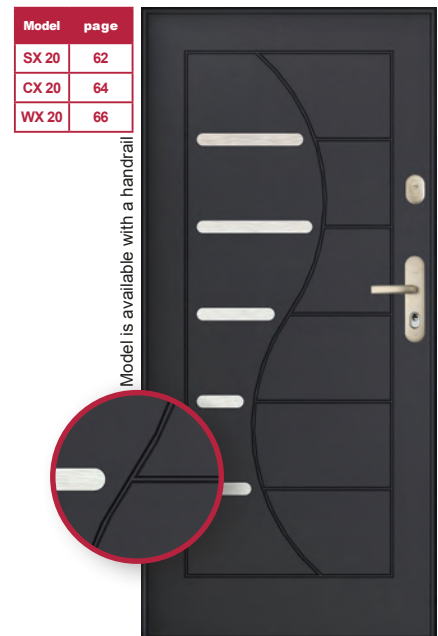


Model	page
SX 20	62
CX 20	64
WX 20	66

Model is available with a handrail

In the place of vertical glazing - mirror.

PLV VICTORIA



Model	page
SX 20	62
CX 20	64
WX 20	66

Model is available with a handrail

PLS HEL 1



Model	page
SX 20	62
CX 20	64
WX 20	66

P25 BREDA



Model	page
SX 20	62
CX 20	64
WX 20	66

P34 BRUGIA



Model	page
SX 20	62
CX 20	64
WX 20	66



P20 OLYMPIA

Model	page
SX 20	62
CX 20	64
WX 20	66

Model is available with a handrail



PN2 AVALLON

Model	page
SX 20	62
CX 20	64
WX 20	66



PN1 DIJON

Model	page
SX 20	62
CX 20	64
WX 20	66



P91 WERONA

Model	page
SX 20	62
CX 20	64
WX 20	66



P46 WENECJA

Model	page
SX 20	62
CX 20	64
WX 20	66



P95 FRAGA

Model	page
SX 20	62
CX 20	6466
WX 20	

Model is available with a handrail



P02 TARRAGONA

Model	page
SX 20	62
CX 20	64
WX 20	66



P94 REIMS

Model	page
SX 20	62
CX 20	64
WX 20	66



PX2 BRADFORD

Model	page
SX 20	62
CX 20	64
WX 20	66





P96 AGREDA



Model	page
SX 20	62
CX 20	64
WX 20	66



P3X AMPOSTA



Model	page
SX 20	62
CX 20	64
WX 20	66



P13 LONDYN



Model	page
SX 20	62
CX 20	64
WX 20	66



P31 FLORENCJA

Model	page
SX 20	62
CX 20	64
WX 20	66



P09 MADRYT

Model	page
SX 20	62
CX 20	64
WX 20	66



PX1 HALIFAX

Model	page
SX 20	62
CX 20	64
WX 20	66



P53 BARCELONA



Model	page
SX 20	62
CX 20	64
WX 20	66



P52 KAPITOL



Model	page
SX 20	62
CX 20	64
WX 20	66



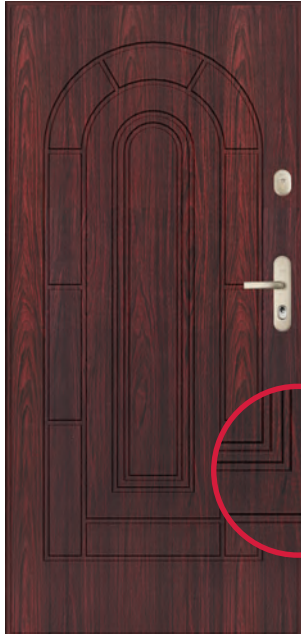
PN3 SALAMANKA



Model	page
SX 20	62
CX 20	64
WX 20	66

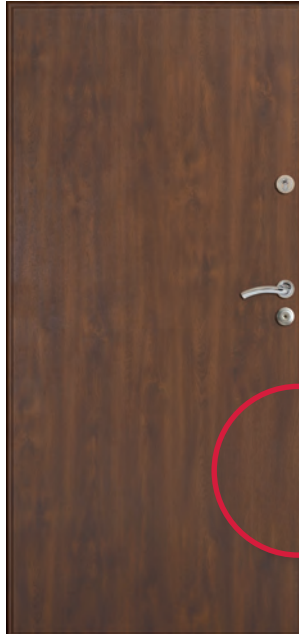


P81 GUARDA

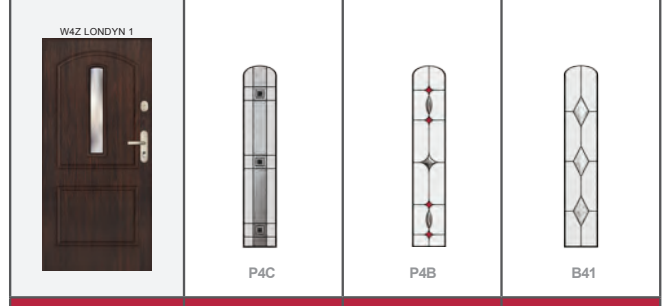
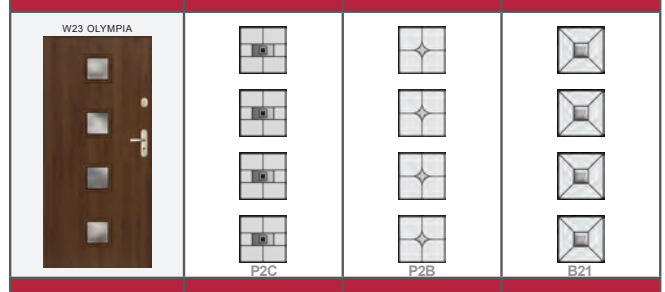
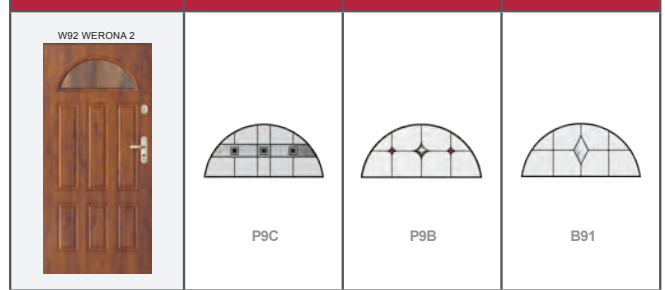
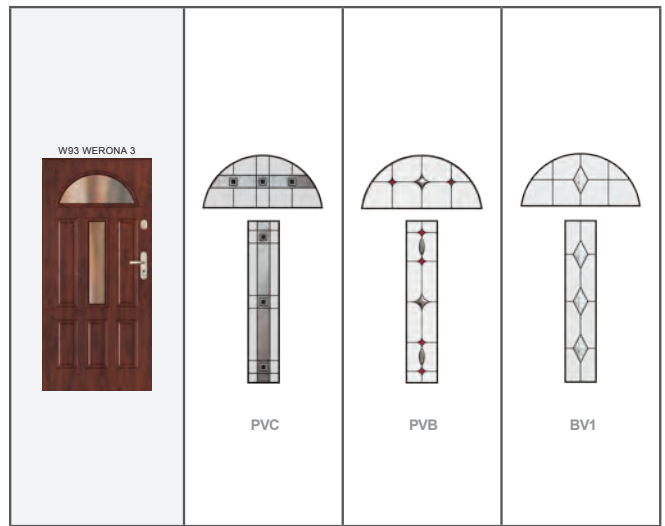
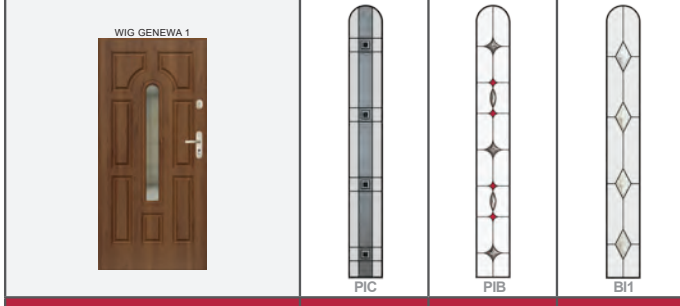
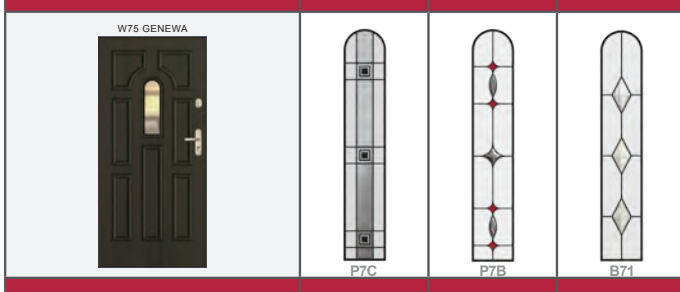
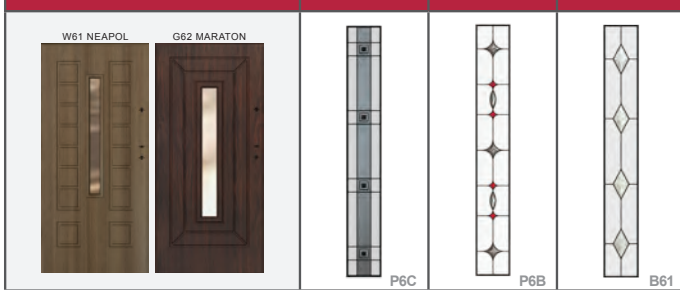
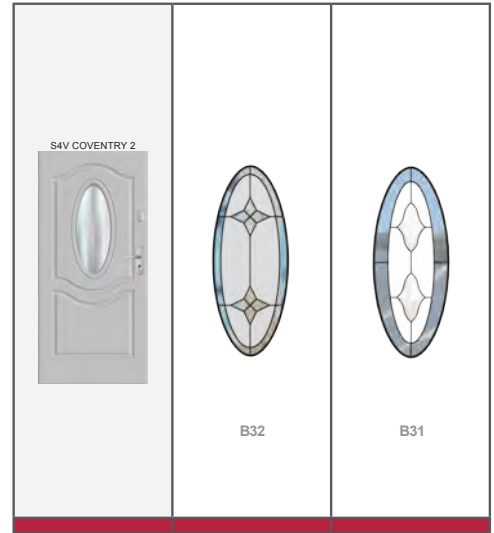


Model	page
SX 20	62
CX 20	64
WX 20	66

P00 FLAT



Model	page
SX 20	62
CX 20	64
WX 20	66



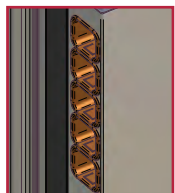




Solid anti-breaking bolts



Auxiliary upper lock



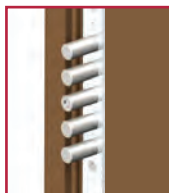
Covers holes of the frame



Additional upper lock



Anti-breaking cover of the central lock



Central lock



Adjusted hinges



Auxiliary bottom lock



Protective caps on hinges



Moving bolts on the hinge side of the door leaf

### DOOR USES

Anti-burglar door fitted with glass with a unique central door lock to use as the main door in residential construction in high-risk burglary, equipped as standard with a warm frame Gerda PERFOTHERM®. The door leaf multilayered structure with steel core box and on both sides removable liner panel serving as a decorative, insulating and reinforcing function. Edge of the door leaf made of aluminium with thermal break, provides protection against use door edge and the opportunity to exchange facing panel and profiles in case of damage.

Safe door leaf structure equipped with a unique central locking certified by twelve moving bolts on the outer edge of the door leaf and additional lock with the highest resistance class creates a product that provides the highest level of security combined with keeping all aspects of the aesthetic and functional Gerda panels door.

Gerda GSX meet the highest burglary – RC3 class according to PN-EN 1627 and C class according to PN-90 / B-92270

### TECHNICAL PARAMETERS

1. door leaf thickness 66 mm
2. door leaf with reinforced strap and seal for better insulation values
3. steel core of the door leaf made of galvanized steel sheet, protected layer of varnish against corrosion
4. the door leaf filling up with polyurethane foam CFC free, self-extinguishing higher density
5. in the door leaf construction is a complete truss made of steel channel sections and moving hardened steel bars
6. in the door leaf are mounted multilayered packages with burglary glass
7. the the door leaf is equipped with the central lock with twelve moving bolts on the outer edge of the door leaf and additional lock
8. double door seal around the outer edge by the gasket in the door leaf, frame and threshold
9. warm frame Gerda PERFOTHERM® made of sheet steel, galvanized 1.5 mm thickness laminated in the door leaf colour
10. stable frame with a width of 116mm mounted by internal supports (concealed mounting points)
11. the door leaf and frame equipped with steel reinforcement brackets at the point of attachment hinges
12. adjustable reinforced triple hinges for adjusting the door at many levels and matching the door leaf and the frame
13. possibility of ordering the door leaf shortened by up to 100 mm
14. facing panels made of composite wood-based high-end covered with a wood laminate or varnished
15. possibility of exchanging facing panel and aluminium fixing profiles in the case of damage of the door or changing the arrangement of the building
16. all bolt holes in the frame are secured aesthetic plastic inserts
17. the bottom edge of the door leaf is secured by closing slat with dehydration and a brush seal
18. adjustable hook latch of the door handle
19. possibility to use electromagnetic latch to all types of frames

### SAFETY

1. the highest resistance to burglary RC3 class according to BS EN 1627 and C class according to PN-90 / B-92270
2. the door leaf equipped with controlled central locking (insert Gerda RIM 6000) with twelve movable locking bolts on the outer edge of the door leaf and additional multipoint lock in the highest burglary resistance **7 C**
3. safely embedded multi-layer glazing made of burglary glass P4 / P5
4. solid anti-breaking bolts mounted in steel reinforcing brackets
5. three adjustable safety hinges protected from disassembling
6. steel fillister of the door leaf reinforced of the aluminium profile
7. steel core of the door leaf made of sheet steel and reinforced hardened steel bars
8. both certified shields have burglary protection inserts
9. door limiter can be installed optional to all models door
10. insert (Gerda RIM 6000) of the main lock has the highest security class **6 2 C**
11. insert with the knob of additional lock has high protection class **5 1 B**
12. possibility of ordering upper insert with knob with additional assembly key in the highest security class **2 C**

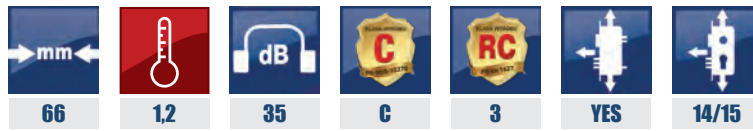
### FRAMES, THRESHOLDS, TRANSOMS

1. in the standard- patented warm frame GERDA PERFOTHERM® with the thermal bridge in the form of maze of holes
2. available different profiles of the frame for mounting door set adapted to the specificities of the building and the mounting hole
3. Gerda ALUTHERM aluminium frames and steel frames with thermal break (available in two-colour) - Page 46-47
4. frames available in colours compatible with the colour of the door leaf - Page 52-53
5. system of fixed transom available for aluminium frame - Page 38-41
6. warm composite thresholds with gasket to the GERDA ALUTHERM frame available in three colours
7. warm steel thresholds GERDA PERFOTHERM® with the gasket
8. wooden Norwegian thresholds with the gasket in four colours
9. wooden oaken thresholds with the gasket

### FUNCTIONALITY AND DESIGN

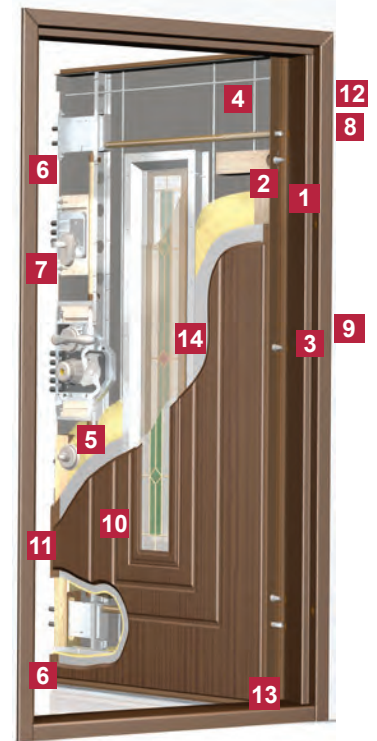
1. facing panel of door leaves made using the multipass milling are deep, distinct pattern
2. available 4 models of facing panels in 21 colours and 8 designs in 34 wooden and uniform colours
3. numerous styles of glass with five basic colours and a choice of stained glass windows - Page 23-27
4. possibility of ordering of the door leaf in two-colours or with different patterns in standard price
5. Gerda ALUTHERM frames and frame with an insulating divider available in two-colour
6. selected models are available in a version with handrail
7. aluminium profiles on the outer edge of the door leaf reinforcing structures and enabling the exchange of facings panels
8. door hinges protected with aluminium caps in fittings colour
9. additional protection of the lower edge of the door by a brush seal





## DOOR LEAF STRUCTURE

1. steel core of the door leaf made of galvanized steel sheet, varnished
2. insulation material - polyurethane foam CFC free, self-extinguishing higher density
3. removable composite panel facing wood-based decorative laminated veneer or varnished
4. steel ribs and hardened steel rods
5. central lock
6. auxiliary lock
7. additional lock
8. solid anti-breaking bolts
9. adjusted hinges
10. door limiter (optional equipment)
11. side aluminium profiles and fillister seal
12. movable horizontal bolt of hinge side
13. closing slat with dehydration and a brush seal
14. antiburglar glazing

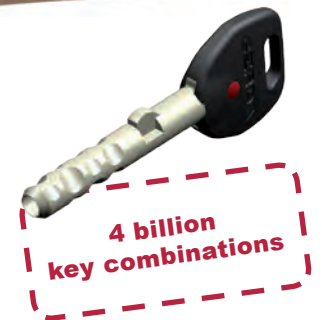


## STANDARD EQUIPMENT - IN THE PRICE DOOR

- glazed steel door leaf with facings panel and aluminium side profiles
- main lock ZW 6000 (7C class) **7 C** with auxiliary lock and horizontal bolts on the hinge side
- additional lock ZW550 (7C class) **7 C**
- solid anti-breaking bolts
- reinforced triple-locked hinges with blocking of disassembly and aluminium caps
- the door leaf fillister seal
- the door leaf brush seal
- warm frame GERDA PERFOTHERM® with seal (optional profiles FAP SL, FRP SL, FTP SL)
- adjustable latch hook in the frame
- wooden oak usable threshold with seal (19 mm or 35 mm) or stainless warm threshold PERFOTHERM® with seal (19 mm or 32 mm)

## OPTIONAL EQUIPMENT - EXTRA CHARGE

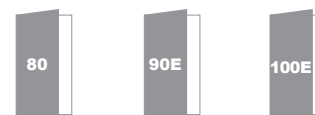
- fittings - page 72-73
- additional fittings - page 74-75
- NORWEGIAN wooden usable threshold with seal and aluminium cap
- warm frame with thermal insulator and seal FAZ SL (in two-colour version)
- warm aluminium frame GERDA ALUTERM with seal and composite threshold
- installation threshold of frames: FAP SL, FRP SL, FTP SL, FAZ SL
- built-in electromagnetic latch
- fixed transom to the model door GSX - page 68-71
- additional equipment available - page 44-47



According to the report research

<b>NORMS</b>	<b>mortise lock</b> min 1 2 3 4 5 6 7 max security and resistance class to drilling according to PN-EN 12209
	<b>inserts to locks</b> min 0 1 2 max min 1 2 3 4 5 6 max attack resistance class according to PN-EN 1303 key code security class according to PN-EN 1303
	<b>wkładki i zamki do drzwi</b> min T A B C max burglary resistance class according to KT/402/IMP/2009 (for inserts) according to KT/401/IMP/2009 (for mortise locks)

## AVAILABLE DOOR SIZES



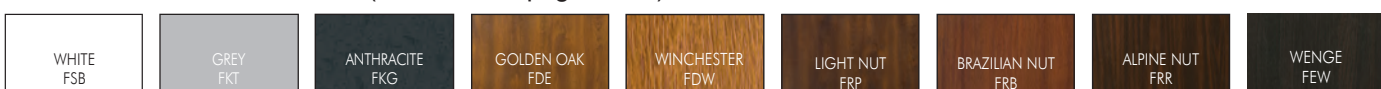
## BASIC TYPES OF GLASS (in the door price)



**STAINED GLASS AVAILABLE ON PAGE 57**

**DOOR DESIGNS AVAILABLE ON PAGE 50-53**

## SELECTED DOORS COLOUR (full colour on page 80-81)





**DOOR USES**

Anti-burglar door fitted with glass to use as the main door in residential construction in medium-risk burglary, equipped as standard with a warm frame Gerda PERFOTHERM®. The door leaf multilayered structure with steel core box and on both sides removable liner panel serving as a decorative, insulating and reinforcing function. Edge of the door leaf made of aluminium with thermal break, provides protection against wear door edge and the opportunity to exchange facing panel and profiles in case of damage. Safe door leaf structure equipped with locks with the highest resistance class. Glazing doors made from the highest quality glass burglar

**TECHNICAL PARAMETERS**

1. door leaf thickness 66 mm
2. door leaf with reinforced strap and seal for better insulation values
3. steel core of the door leaf made of galvanized steel sheet, protected layer of varnish against corrosion
4. the door leaf filling up with the ecological foamed EPS polystyrene higher density
5. in the door leaf are mounted multilayered packages with burglary glass
6. in the door leaf construction is a complete truss made of steel channel sections
7. double door seal around the outer edge provided by gasket in the door leaf, frame and threshold
8. warm frame Gerda PERFOTHERM® made of sheet steel, galvanized 1.5 mm thickness laminated in the door leaf colour
9. stable frame with a width of 116mm mounted by internal supports (concealed mounting points)
10. the door leaf and frame equipped with steel reinforcement brackets at the point of attachment hinges
11. adjustable reinforced triple hinges for adjusting the door at many levels and matching the door leaf and the frame
12. possibility of ordering the door leaf shortened by up to 100 mm
13. facing panels made of composite wood-based high-end covered with a wood laminate or varnished
14. possibility of exchanging facing panel and aluminium fixing profiles in the case of damage of the door or changing the arrangement of the building
15. all bolt holes in the frame are secured aesthetic plastic inserts
16. the bottom edge of the door leaf is secured by closing slat with dehydration and a brush seal
17. adjustable hook latch of the door handle
18. possibility to use electromagnetic latch to all types of frames

**SAFETY**

1. high resistance to burglary RC2N class according to PN-EN 1627
2. the door leaf equipped with two separate multipoint locks
3. both locks in the highest burglary resistance **7 C**
4. multi-layer glazing made of burglary glass P4
5. solid anti-breaking bolts mounted in steel reinforcing brackets
6. three adjustable safety hinges protected from disassembling
7. steel fillister of the door leaf reinforced of the aluminium profile
8. steel core of the door leaf made of sheet steel and reinforced hardened steel bars
9. both certified shields have burglary protection inserts
10. door limiter can be installed optional to all models door
11. insert of the main lock with assembly key has the highest security class **6 2 C**
12. insert with the knob of additional lock has high protection class **5 1 B**
13. possibility of ordering upper insert with knob with additional assembly key in the highest security class **6 2 C**



Solid anti-breaking bolts



Additional upper lock



Covers holes of the frame



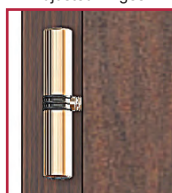
Central lock



Anti-breaking cover of the central lock



Adjusted hinges



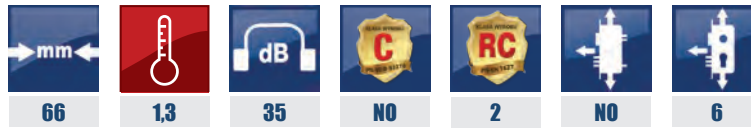
Protective caps on hinges

**FRAMES, THRESHOLDS, TRANSOMS**

1. in the standard- patented warm frame GERDA PERFOTHERM® with the thermal bridge in the form of maze of holes
2. available different profiles of the frame for mounting door set adapted to the specificities of the building and the mounting hole
3. Gerda ALUTHERM aluminium frames and steel frames with thermal break (available in two-colour) - Page 46-47
4. frames available in colour compatible with the colour of the door leaf - Page 52-53
5. system of fixed transom available for aluminium frame - Page 38-41
6. warm composite thresholds with gasket to the GERDA ALUTHERM frame available in three colours
7. warm steel thresholds GERDA PERFOTHERM® with the gasket
8. wooden Norwegian thresholds with the gasket in four colours
9. wooden oaken thresholds with the gasket

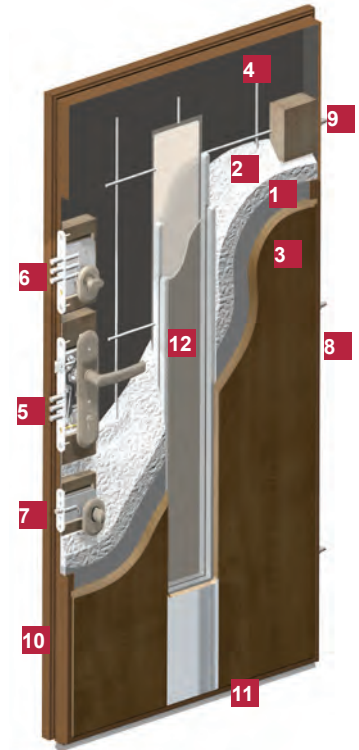
**FUNCTIONALITY AND DESIGN**

1. facing panel of door leaves made using the multipass milling are deep, distinct pattern
2. available 34 designs of facing panels in 34 wooden and uniform colours
3. numerous styles of glass with five basic colours and a choice of stained glass windows - Page 23-27
4. possibility of ordering of the door leaf in two-colour or with different patterns in standard price
5. Gerda ALUTHERM frames and frame with an insulating divider available in two-colour
6. door handles and shields available in four colours
7. selected models are available in a version with handrail
8. aluminium profiles on the outer edge of the door leaf reinforcing structures and enabling the exchange of facings panels
9. door hinges protected with aluminium caps in fittings colours
10. additional protection of the lower edge of the door by a brush seal



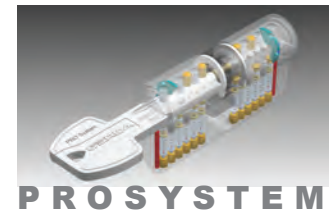
## DOOR LEAF STRUCTURE

1. steel core of the door leaf made of galvanized steel sheet, varnished
2. insulation material - ecological foamed EPS polystyrene higher density
3. removable composite panel facing wood-based decorative laminated veneer or varnished
4. steel ribs and hardened steel rods
5. central lock
6. additional lock
7. door limiter (optional equipment)
8. adjusted hinges
9. solid anti-breaking bolts
10. aluminium side profiles and fillister seal
11. closing slat with dehydration and a brush seal
12. antiburglar glazing



## STANDARD EQUIPMENT - IN THE PRICE DOOR

- glazed steel door leaf with facings panel and aluminium side profiles
- main lock ZW 1000 **7 C**
- additional lock ZW550 **7 C**
- solid anti-breaking bolts
- reinforced triple-locked hinges with blocking of disassembly and aluminium caps
- the door leaf fillister seal
- the door leaf brush seal
- warm frame GERDA PERFOTHERM® with seal (optional profiles FAP SL, FRP SL, FTP SL)
- adjustable latch hook in the frame
- wooden oak usable threshold with seal (19 mm or 35 mm) or stainless warm threshold PERFOTHERM® with seal (19 mm or 32 mm)



## OPTIONAL EQUIPMENT - EXTRA CHARGE

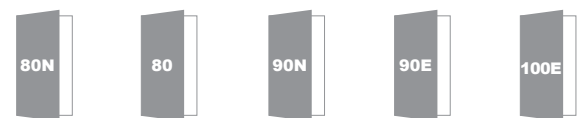
- fittings - page 72-73
- additional fittings - page 74-75
- NORWEGIAN wooden usable threshold with seal and aluminium cap
- warm frame with thermal insulator and seal FAZ SL (in two-colour version)
- warm aluminium frame GERDA ALUTERM with seal and composite threshold
- installation threshold of frames: FAP SL, FRP SL, FTP SL, FAZ SL
- built-in electromagnetic latch
- fixed transom to the model door GWX20 – page 68-71



According to the report research

<b>NORMS</b>	mortise lock	security and resistance class to drilling according to PN-EN 12209
	min 1 2 3 4 5 6 7 max	
	inserts to locks	attack resistance class according to PN-EN 1303
	min 0 1 2 max	key code security class according to PN-EN 1303
	min 1 2 3 4 5 6 max	
	wkładki i zamki do drzwi	burglary resistance class according to KT/402/IMP/2009 (for inserts) according to KT/401/IMP/2009 (for mortise locks)
	min T A B C max	

## AVAILABLE DOOR SIZES



## BASIC TYPES OF GLASS (in the door price)



STAINED GLASS AVAILABLE ON PAGE 57

DOOR DESIGNS AVAILABLE ON PAGE 50-53

## SELECTED DOORS COLOURS (full colour on page 80-81)







## DOOR USES

Anti-burglar door with a unique central door lock to use as the main door in residential construction in high-risk burglary, equipped as standard with a warm frame Gerda PERFOTHERM®.

The door leaf multilayered structure with steel core box and on both sides removable liner panel serving as a decorative, insulating and reinforcing function.

Edge of the door leaf made of aluminium with thermal break, provides protection against wear door edge and the opportunity to exchange facing panel and profiles in case of damage.

Safe door leaf structure equipped with a unique central locking certified by twelve moving bolts on the outer edge of the door leaf and additional lock with the highest resistance class creates a product that provides the highest level of security combined with keeping all aspects of the aesthetic and functional Gerda panels door.

panelowych GERDA.

## TECHNICAL PARAMETERS

1. door leaf thickness 66 mm
2. door leaf with reinforced strap and seal for better insulation values
3. steel core of the door leaf made of galvanized steel sheet, protected layer of varnish against corrosion
4. the door leaf filling up with polyurethane foam CFC free, self-extinguishing higher density
5. in the door leaf construction is a complete truss made of steel channel sections and moving hardened steel bars
6. the door leaf is equipped with the central lock with twelve moving bolts on the outer edge of the door leaf and additional lock
7. double door seal around the outer edge provided by gasket in the door leaf, frame and threshold
8. warm frame Gerda PERFOTHERM® made of sheet steel, galvanized 1.5 mm thickness laminated in the door leaf colour
9. stable frame with a width of 116mm mounted by internal supports (concealed mounting points)
10. the door leaf and frame equipped with steel reinforcement brackets at the point of attachment hinges
11. adjustable reinforced triple hinges for adjusting the door at many levels and matching the door leaf and the frame
12. possibility of ordering the door leaf shortened by up to 100 mm
13. facing panels made of composite wood-based high-end covered with a wood laminate or varnished
14. possibility of exchanging facing panel and aluminium fixing profiles in the case of damage of the door or changing the arrangement of the building
15. all bolt holes in the frame are secured aesthetic plastic inserts
16. the bottom edge of the door leaf is secured by closing slat with dehydration and a brush seal
17. adjustable hook latch of the door handle
18. possibility to use electromagnetic latch to all types of frames

## SAFETY

1. the highest resistance to burglary RC3 class according to BS EN 1627 and C class according to PN-90 / B-92270
2. the door leaf equipped with controlled central locking (insert Gerda RIM 6000) with twelve movable locking bolts on the outer edge of the door leaf and additional multipoint lock in the highest burglary resistance **7 C**
3. solid anti-breaking bolts mounted in steel reinforcing brackets
4. three adjustable safety hinges protected from disassembling
5. steel fillister of the door leaf reinforced of the aluminium profile
6. steel core of the door leaf made of sheet steel and reinforced hardened steel bars
7. both certified shields have burglary protection inserts
8. door limiter can be installed optional to all models door
9. insert (Gerda RIM 6000) of the main lock has the highest security class **6 2 C**
10. insert with the knob of additional lock has high protection class **5 1 B**
11. possibility of ordering upper insert with knob with additional assembly key in the highest security class **6 2 C**

## FRAMES, THRESHOLDS, TRANSOMS

1. in the standard- patented warm frame GERDA PERFOTHERM® with the thermal bridge in the form of maze of holes
2. available different profiles of the frame for mounting door set adapted to the specificities of the building and the mounting hole
3. Gerda ALUTHERM aluminium frames and steel frames with thermal break (available in two-colour) - Page 46-47
4. frames available in colour compatible with the colour of the door leaf - Page 52-53
5. system of fixed transom available for aluminium frame - Page 38-41
6. warm composite thresholds with gasket to the GERDA ALUTHERM frame available in three colours
7. warm steel thresholds GERDA PERFOTHERM® with the gasket
8. wooden Norwegian thresholds with the gasket in four colours
9. wooden oaken thresholds with the gasket

## FUNCTIONALITY AND DESIGN

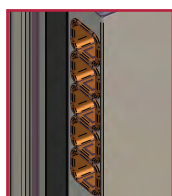
1. facing panel of door leaves made using the multipass milling are deep, distinct pattern
2. available 26 designs of facing panels in 34 wooden and uniform colours
3. possibility of ordering of the door leaf in two-colour or with different patterns in standard price
4. Gerda ALUTHERM frames and frame with an insulating divider available in two-colour
5. selected models are available in a version with handrail
6. aluminium profiles on the outer edge of the door leaf reinforcing structures and enabling the exchange of facings panels
7. door hinges protected with aluminium caps in fittings colour
8. additional protection of the lower edge of the door by a brush seal



Solid anti-breaking bolts



Auxiliary upper lock



Covers holes of the frame



Additional upper lock



Anti-breaking cover of the central lock



Central lock



Adjusted hinges



Auxiliary bottom lock

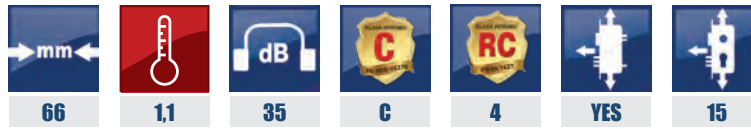


Protective caps on hinges



Moving bolts on the hinge side of the door leaf

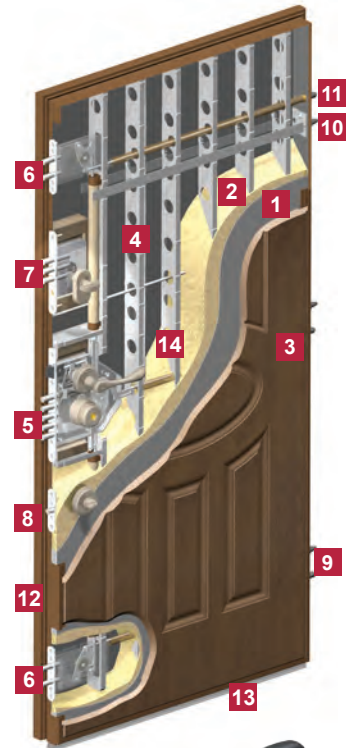
**12 TONE**



**SX 20**

## DOOR LEAF STRUCTURE

1. steel core of the door leaf made of galvanized steel sheet, varnished
2. insulation material - polyurethane foam CFC free, self-extinguishing higher density
3. removable composite panel facing wood-based decorative laminated veneer or varnished
4. steel ribs and hardened steel rods
5. central lock
6. auxiliary lock
7. additional lock
8. door limiter (optional equipment)
9. adjusted hinges
10. solid anti-breaking bolts
11. movable horizontal bolt of hinge side
12. aluminium side profiles and fillister seal
13. slat closing with dehydration and a brush seal



## STANDARD EQUIPMENT - IN THE PRICE DOOR

- steel door leaf with facings panel and aluminium side profiles
- main lock ZW 6000 (7C class) **7 C** with auxiliary lock and horizontal bolts on the hinge side
- additional lock ZW550 (7C class) **7 C**
- solid anti-breaking bolts
- reinforced triple-locked hinges with blocking of disassembly and aluminium caps
- the door leaf fillister seal
- the door leaf brush seal
- warm frame GERDA PERFOTHERM® with seal (optional profiles FAP SL, FRP SL, FTP SL)
- adjustable latch hook in the frame
- wooden oak usable threshold with seal (19 mm or 35 mm) or stainless warm threshold PERFOTHERM® with seal (19 mm or 32 mm)



## OPTIONAL EQUIPMENT - EXTRA CHARGE

- fittings - page 72-73
- additional fittings - page 74-75
- NORWEGIAN wooden usable threshold with seal and aluminium cap
- warm frame with thermal insulator and seal FAZ SL (in two-colour version)
- warm aluminium frame GERDA ALUTERM with seal and composite threshold
- installation threshold of frames: FAP SL, FRP SL, FTP SL, FAZ SL
- built-in electromagnetic latch
- fixed transom to the model door SX20 – page 68-71



According to the report research

<b>NORMS</b>	mortise lock	security and resistance class to drilling according to PN-EN 12209
	min <b>1 2 3 4 5 6 7</b> max	
	inserts to locks	attack resistance class according to PN-EN 1303 key code security class according to PN-EN 1303
	min <b>0 1 2</b> max min <b>1 2 3 4 5 6</b> max	
	wkładki i zamki do drzwi	burglary resistance class according to KT/402/IMP/2009 (for inserts) according to KT/401/IMP/2009 (for mortise locks)
	min <b>T A B C</b> max	

## AVAILABLE DOOR SIZES



## SELECTED DOORS COLOUR (full colour on page 80-81)



**DOOR DESIGNS AVAILABLE ON PAGE 50-53**



### DOOR USES

Anti-burglar door to use as the main door in residential construction in medium-risk burglary, equipped as standard with a warm frame Gerda PERFOTHERM®.

The door leaf multilayered structure with steel core box and on both sides removable liner panel serving as a decorative, insulating and reinforcing function.

Edge of the door leaf made of aluminium with thermal break, provides protection against wear door edge and the opportunity to exchange facing panel and profiles in case of damage.

Safe door leaf structure equipped with a central locking and additional lock with the high resistance class creates a product that provides high level of security combined with keeping all aspects of the aesthetic and functional Gerda panels door.

### TECHNICAL PARAMETERS

1. door leaf thickness 66 mm
2. door leaf with reinforced strap and seal for better insulation values
3. steel core of the door leaf made of galvanized steel sheet, protected layer of varnish against corrosion
4. the door leaf filling up with polyurethane foam CFC free, self-extinguishing higher density
5. in the door leaf construction is layered hardened steel rods
6. the door leaf is equipped with the central lock with six moving bolts and additional lock
7. double door seal around the outer edge provided by gasket in the door leaf, frame and threshold
8. warm frame Gerda PERFOTHERM® made of sheet steel, galvanized 1.5 mm thickness laminated in the door leaf colour
9. stable frame with a width of 116mm mounted by internal supports (concealed mounting points)
10. the door leaf and frame equipped with steel reinforcement brackets at the point of attachment hinges
11. adjustable reinforced triple hinges for adjusting the door at many levels and matching the door leaf and the frame
12. possibility of ordering the door leaf shortened by up to 100 mm
13. facing panels made of composite wood-based high-end covered with a wood laminate or varnished
14. possibility of exchanging facing panel and aluminium fixing profiles in the case of damage of the door or changing the arrangement of the building
15. all bolt holes in the frame are secured aesthetic plastic inserts
16. the bottom edge of the door leaf is secured by closing slat with dehydration and a brush seal
17. adjustable hook ratchet of the door handle
18. possibility to use electromagnetic latch to all types of frames

### SAFETY

1. the highest resistance to burglary RC3 class according to PN-EN 1627 and C class according to PN-90 / B-92270
2. the door leaf equipped with controlled central locking (insert rack and pinion) with six movable locking bolts and separate multipoint locks
3. both locks in the highest burglary resistance **7 C**
4. solid anti-breaking bolts mounted in steel reinforcing brackets
5. three adjustable safety hinges protected from disassembling
6. steel fillister of the door leaf reinforced of the aluminium profile
7. steel core of the door leaf made of sheet steel and reinforced hardened steel bars
8. both certified shields have burglary protection inserts
9. door limiter can be installed optional to all models door
10. insert of the main lock (insert rack and pinion) with assembly has the highest security class **6 2 C**
11. insert with the knob of additional lock has high protection class **5 1 B**
12. possibility of ordering upper insert with knob with additional assembly key in the highest security class **6 2 C**

### FRAMES, THRESHOLDS, TRANSOMS

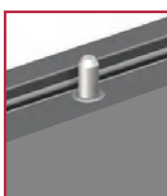
1. in the standard- patented warm frame GERDA PERFOTHERM® with the thermal bridge in the form of maze of holes
2. available different profiles of the frame for mounting door set adapted to the specificities of the building and the mounting hole
3. Gerda ALUTHERM aluminium frames and steel frames with thermal break (available in two-colour) - Page 46-47
4. frames available in colour compatible with the colour of the door leaf - Page 52-53
5. system of fixed transom available for aluminium frame - Page 38-41
6. warm composite thresholds with gasket to the GERDA ALUTHERM frame available in three colours
7. warm steel thresholds GERDA PERFOTHERM® with the gasket
8. wooden Norwegian thresholds with the gasket in four colours
9. wooden oaken thresholds with the gasket

### FUNCTIONALITY AND DESIGN

1. facing panel of door leaves made using the multipass milling are deep, distinct pattern
2. available 26 designs of facing panels in 34 wooden and uniform colours
3. possibility of ordering of the door leaf in two-colour or with different patterns in standard price
4. Gerda ALUTHERM frames and frame with an insulating divider available in two-colour
5. door handles and shields available in four colours
6. selected models are available in a version with handrail
7. aluminium profiles on the outer edge of the door leaf reinforcing structures and enabling the exchange of facings panels
8. door hinges protected with aluminium caps in fittings colours
9. additional protection of the lower edge of the door by a brush seal



Solid anti-breaking bolts



Vertical bolt



Covers holes of the frame



Additional upper lock



Anti-breaking cover of the central lock



Central lock



Adjusted hinges

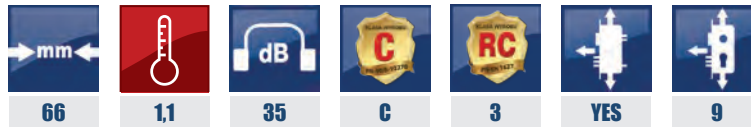


Auxiliary bottom lock



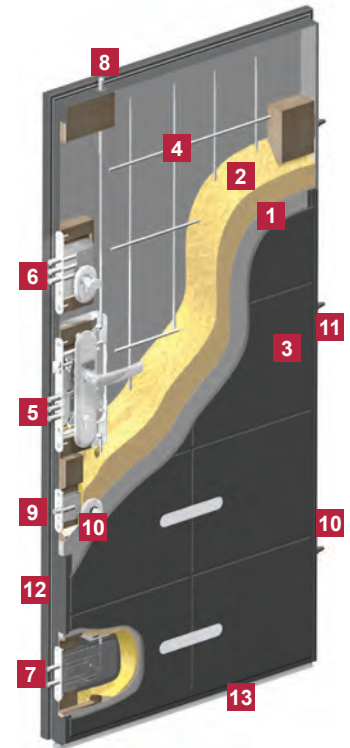
Protective caps on hinges





## DOOR LEAF STRUCTURE

1. steel core of the door leaf made of galvanized steel sheet, varnished
2. insulation material - polyurethane foam CFC free, self-extinguishing higher density
3. removable composite panel facing wood-based decorative laminated veneer or varnished
4. steel ribs and hardened steel rods
5. central lock
6. additional lock
7. bottom auxiliary lock
8. vertical bolt
9. door limiter (optional equipment)
10. solid anti-breaking bolts
11. adjusted hinges
12. aluminium side profiles and fillister seal
13. closing slat with dehydration and a brush seal



## STANDARD EQUIPMENT - IN THE PRICE DOOR

- steel door leaf with facings panel and aluminium side profiles
- main lock ZW 3000 **7 C**
- additional lock ZW550 **7 C**
- solid anti-breaking bolts
- reinforced triple-locked hinges with blocking of disassembly and aluminium caps
- the door leaf fillister seal
- the door leaf brush seal
- warm frame GERDA PERFOTHERM® with seal (optional profiles FAP SL, FRP SL, FTP SL)
- adjustable latch hook in the frame
- wooden oak usable threshold with seal (19 mm or 35 mm) or stainless warm threshold PERFOTHERM® with seal (19 mm or 32 mm)

## OPTIONAL EQUIPMENT - EXTRA CHARGE

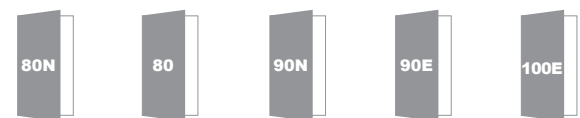
- fittings - page 72-73
- additional fittings - page 74-75
- NORWEGIAN wooden usable threshold with seal and aluminium cap
- warm frame with thermal insulator and seal FAZ SL (in two-colour version)
- warm aluminium frame GERDA ALUTERM with seal and composite threshold
- installation threshold of frames: FAP SL, FRP SL, FTP SL, FAZ SL
- built-in electromagnetic latch
- fixed transom to the model door CX20 – page 68-71



According to the report research

<b>NORMS</b>		mortise lock	security and resistance class to drilling according to PN-EN 12209
		inserts to locks	attack resistance class according to PN-EN 1303 key code security class according to PN-EN 1303
		wkładki i zamki do drzwi	burglary resistance class according to KT/402/IMP/2009 (for inserts) according to KT/401/IMP/2009 (for mortise locks)

## AVAILABLE DOOR SIZES



## SELECTED DOORS COLOUR (full colour on page 80-81)



DOOR DESIGNS AVAILABLE ON PAGE 54-57



### DOOR USES

Anti-burglar door to use as the main door in residential construction in medium-risk burglary, equipped as standard with a warm frame Gerda PERFOTHERM®.

The door leaf multilayered structure with steel core box and on both sides removable liner panel serving as a decorative, insulating and reinforcing function.

Edge of the door leaf made of aluminum with thermal break, provides protection against wear door edge and the opportunity to exchange facing panel and profiles in case of damage.

Safe door leaf structure is equipped with locks with the highest resistance class.

### TECHNICAL PARAMETERS

1. door leaf thickness 66 mm
2. door leaf with reinforced strap and seal for better insulation values
3. steel core of the door leaf made of galvanized steel sheet, protected layer of varnish against corrosion
4. the door leaf filling up with the ecological foamed EPS polystyrene higher density
5. in the door leaf construction is a complete truss made of steel channel sections and moving hardened steel bars
6. double door seal around the outer edge provided by gasket in the door leaf, frame and threshold
7. warm frame Gerda PERFOTHERM® made of sheet steel, galvanized 1.5 mm thickness laminated in the door leaf colour
8. stable frame with a width of 116mm mounted by internal supports (concealed mounting points)
9. the door leaf and frame equipped with steel reinforcement brackets at the point of attachment hinges
10. adjustable reinforced triple hinges for adjusting the door at many levels and matching the door leaf and the frame
11. possibility of ordering the door leaf shortened by up to 100 mm
12. facing panels made of composite wood-based high-end covered with a wood laminate or varnished
13. possibility of exchanging facing panel and aluminium fixing profiles in the case of damage of the door or changing the arrangement of the building
14. all bolt holes in the frame are secured aesthetic plastic inserts
15. the bottom edge of the door leaf is secured by closing slat with dehydration and a brush seal
16. adjustable hook ratchet of the door handle
17. possibility to use electromagnetic latch to all types of frames



Solid anti-breaking bolts



Additional upper lock



Covers holes of the frame



Central lock



Anti-breaking cover of the central lock



Adjusted hinges



Protective caps on hinges

### SAFETY

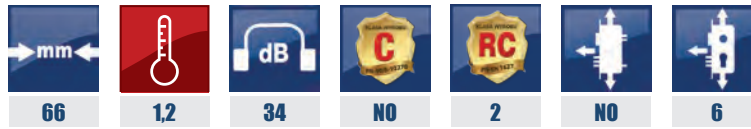
1. high resistance to burglary RC2N class according to PN-EN 1627
2. the door leaf equipped with two separate multipoint locks
3. both locks in the highest burglary resistance **7 C**
4. solid anti-breaking bolts mounted in steel reinforcing brackets
5. three adjustable safety hinges protected from disassembling
6. steel fillister of the door leaf reinforced of the aluminium profile
7. steel core of the door leaf made of sheet steel and reinforced hardened steel bars
8. both certified shields have burglary protection inserts
9. door limiter can be installed optional to all models door
10. insert of the main lock with assembly key has the highest security class **5 1 B**
11. insert with the knob of additional lock has high protection class **6 2 C**
12. possibility of ordering two inserts with assembly key in the highest security class zabezpieczenia

### FRAMES, THRESHOLDS, TRANSOMS

1. in the standard- patented warm frame GERDA PERFOTHERM® with the thermal bridge in the form of maze of holes
2. available different profiles of the frame for mounting door set adapted to the specificities of the building and the mounting hole
3. Gerda ALUTHERM aluminium frames and steel frames with thermal break (available in two-colour) - Page 46-47
4. frames available in colour compatible with the colour of the door leaf - Page 52-53
5. system of fixed transom available for aluminium frame - Page 38-41
6. warm composite thresholds with gasket to the GERDA ALUTHERM frame available in three colours
7. warm steel thresholds GERDA PERFOTHERM® with the gasket
8. wooden Norwegian thresholds with the gasket in four colours
9. wooden oaken thresholds with the gasket

### FUNCTIONALITY AND DESIGN

1. facing panel of door leaves made using the multipass milling are deep, distinct pattern
2. available 26 designs of facing panels in 34 wooden and uniform colours
3. possibility of ordering of the door leaf in two-colour or with different patterns in standard price
4. Gerda ALUTHERM frames and frame with an insulating divider available in two-colour
5. door handles and shields available in four colours
6. selected models are available in a version with handrail
7. aluminium profiles on the outer edge of the door leaf reinforcing structures and enabling the exchange of facings panels
8. door hinges protected with aluminium caps in fittings colours
9. additional protection of the lower edge of the door by a brush seal



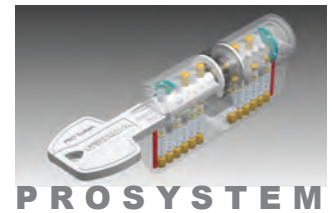
## DOOR LEAF STRUCTURE

1. steel core of the door leaf made of galvanized steel sheet, varnished
2. insulation material - the ecological foamed EPS polystyrene higher density
3. removable composite panel facing wood-based decorative laminated veneer or varnished
4. steel ribs and hardened steel rods
5. central lock
6. additional lock
7. door limiter (optional equipment)
8. adjusted hinges
9. solid anti-breaking bolts
10. aluminium side profiles and fillister seal
11. closing slat with dehydration and a brush seal



## STANDARD EQUIPMENT - IN THE PRICE DOOR

- steel door leaf with facings panel and aluminium side profiles
- main lock ZW 1000 **7 C**
- additional lock ZW550 **7 C**
- solid anti-breaking bolts
- reinforced triple-locked hinges with blocking of disassembly and aluminium caps
- the door leaf fillister seal
- the door leaf brush seal
- warm frame GERDA PERFOTHERM® with seal (optional profiles FAP SL, FRP SL, FTP SL)
- adjustable latch hook in the frame
- wooden oak usable threshold with seal (19 mm or 35 mm) or stainless warm threshold PERFOTHERM® with seal (19 mm or 32 mm)



## OPTIONAL EQUIPMENT - EXTRA CHARGE

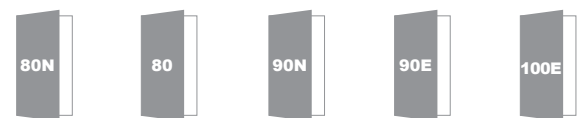
- fittings - page 72-73
- additional fittings - page 74-75
- NORWEGIAN wooden usable threshold with seal and aluminium cap
- warm frame with thermal insulator and seal FAZ SL (in two-colour version)
- warm aluminium frame GERDA ALUTERM with seal and composite threshold
- installation threshold of frames: FAP SL, FRP SL, FTP SL, FAZ SL
- built-in electromagnetic latch
- fixed transom to the model door WX20 – page 68-71



According to the report research

<b>NORMS</b>	mortise lock	security and resistance class to drilling according to PN-EN 12209
	min <b>1 2 3 4 5 6 7</b> max	
	inserts to locks	attack resistance class according to PN-EN 1303 key code security class according to PN-EN 1303
	min <b>0 1 2</b> max	
	min <b>1 2 3 4 5 6</b> max	
	wkładki i zamki do drzwi	burglary resistance class according to KT/402/IMP/2009 (for inserts) according to KT/401/IMP/2009 (for mortise locks)
	min <b>T A B C</b> max	

## AVAILABLE DOOR SIZES



## SELECTED DOORS COLOUR (full colour on page 52-53)

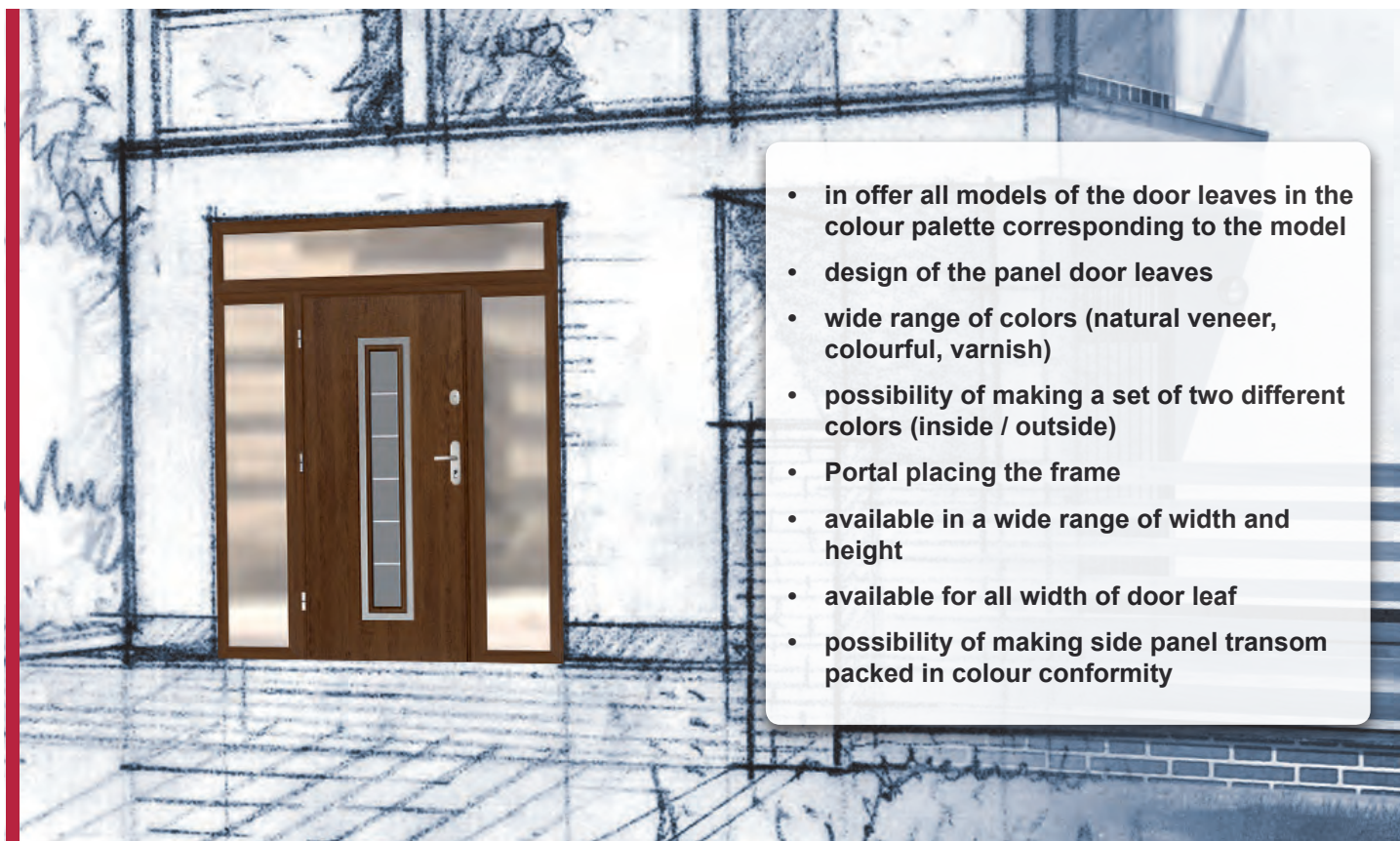


DOOR MODELS AVAILABLE ON PAGE 54-57



# ALUMINIUM TRANSOM

Gerda aluminium transoms are designed for buildings with above-standard input holes and areas that require additional sunlight. A wide range of design and ease of making them ideal for both buildings with modern and classic architecture providing greater of building entrances. The design uses a patented reinforced aluminum profile door frame Gerda ALUTERM combining thermal performance and durability while providing aesthetics.



- in offer all models of the door leaves in the colour palette corresponding to the model
- design of the panel door leaves
- wide range of colors (natural veneer, colourful, varnish)
- possibility of making a set of two different colors (inside / outside)
- Portal placing the frame
- available in a wide range of width and height
- available for all width of door leaf
- possibility of making side panel transom packed in colour conformity

## Technical Information / advantages

- warm profile frame ALUTHERM manufactured by Gerda
- aluminium transom made with warm aluminium profile system ALUTERM a width of 68 mm. The use of extended thermal bridges (32 mm) provides excellent thermal transom insulation.
- in the transom is used in a safe and warm the triple package with glass P2 or P4 (extra charge)
- available in all colours to match the panels door model
- possibility of making a set of two different colours (inside / outside)
- complete with modern warm and weatherproof composite threshold
- composite threshold available in three colours: light brown, dark brown, anthracite
- frames design allows installation of doors opening to the outside or inside home



Reinforced aluminum frame



Transoms flush with the frame



Secure the triple glazing package in standard

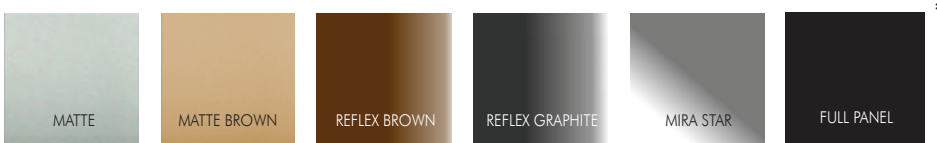


Threshold composite in standard

# EXAMPLE LIST OF PANELS DOORS WITH TRANSOM



## TYPES OF GLASS



\* The panel replaces full glazing transom available on special order.



# EXAMPLE LIST OF PANELS DOORS WITH TRANSOM



## TYPES OF GLASS



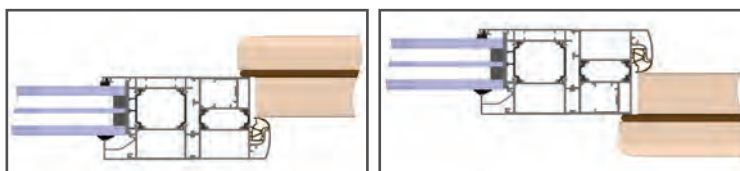
\* The panel replaces full glazing transom available on special order.



# SIZES TRANSOM



## POSSIBILITY TO MAKE OPENING DOOR OUTSIDE OR INSIDE



## OUTSIDE DIMENSIONS OF THE GERDA ALUTERM FRAME

FRAME WIDTH (B)	
80N	890 mm
80	920 mm
90N	990 mm
90E	1033 mm
100E	1133 mm
FRAME HEIGHT (Hz)	
2102 mm	

SIDE TRANSOM					
Hz Height	Width Ld/Pd	200 mm - 400 mm	405 mm - 600 mm	605 mm - 900 mm	External safety glass
		2102 mm	1530 1760	2160 2510	

Transom available in sizes from 5 mm increments

UPPER TRANSOM										
Hd Height	Width Ld/S/Pd	890 mm - 1100 mm	1105 mm - 1310 mm	1315 mm - 1520 mm	1525 mm - 1730 mm	1735 mm - 1940 mm	1945 mm - 2150 mm	2155 mm - 2360 mm	2365 mm - 2570 mm	External safety glass
		200 mm - 350 mm	1070	1110	1180	1300	1380	1440	1690	
355 mm - 500 mm	1170	1280	1400	1550	1710	1870	2320	2710	P4	
200 mm - 350 mm	1240	1280	1370	1470	1570	1660	1980	2240		P4
355 mm - 500 mm	1350	1480	1610	1790	1980	2170	2700	3160		

## POSSIBLE TRANSOM VARIANTS



To get the price door with aluminium transom to be added:

- door price,
- transom price,
- fittings price,
- extra charge for the ALUTERM frame

For mounting frames and transoms door recommended is expanded foam brand Gerda.



Guaranteed insulation and durability.

# FITTINGS

## TECHNO

Available to the panel door GSX and SX20

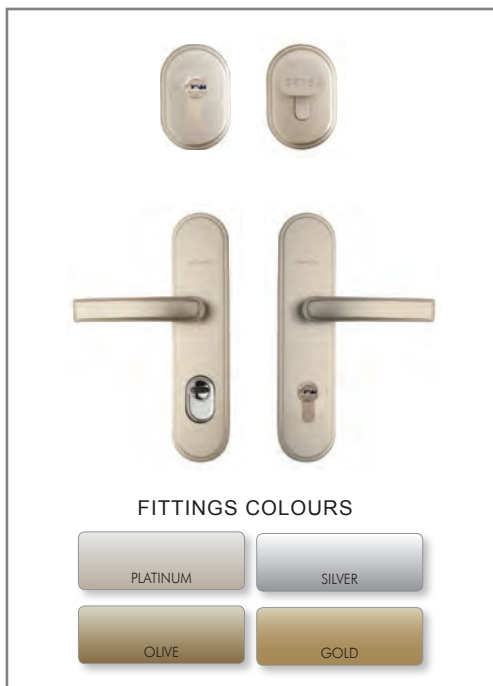


## Panel doors GSX and SX20

Types of equipment	C-B	C-C
Cylinder of the main lock	RIM 6000 SX	RIM 6000 SX
Cylinder of the additional lock (with knob from the apartment)	EVO	PROSYSTEM
Upper shield		
Main shield protected		
Door handles - TECHNO		
Decorative covers of hinges		
End cap of door limiter		

## TD 200 / 1000 FITTINGS - ORIENT

Available for the panel door, GWX20, WX20, CX20



## Panel door CX20

Types of equipment	C-B	MC-C
Cylinder of the main lock	WKM7 Z	WKM7 Z
Cylinder of the additional lock (with knob from the apartment)	EVO	WKM7
Upper shield		
Main shield protected with door handles		
Decorative covers of hinges		
End cap of door limiter		

## Panel doors GWX20 and WX20

Types of equipment	VC-B	MVC-VC
Cylinder of the main lock	PROSYSTEM	PROSYSTEM
Cylinder of the additional lock (with knob from the apartment)	EVO	PROSYSTEM
Upper shield		
Main shield protected with door handles		
Decorative covers of hinges		
End cap of door limiter		

Doors with handrails and unilateral handle from the inside. Available for selected models of panel doors to houses. Sets of equipment dedicated to the door leaf adapted for mounting unilateral handrail and door handles. To the door with handrail recommended to use electromagnetic latch in the frame.



### GSX, SX 20

1200 mm

**HANDRAIL COLOURS**

PLATINUM      SILVER

**FITTINGS COLORS**

CHROME      SATIN NICKEL      MATTE CHROME

Panel doors GSX and SX20		
Types of equipment	C-B	C-C
Cylinder of the main lock	RIM 6000 SX	RIM 6000 SX
Cylinder of the additional lock (with knob from the apartment)	EVO	PROSYSTEM
Upper shield		
Main shield protected		
Handrail / Door handle - TECHNO		
Decorative covers of hinges		
End cap of door limiter		

### GWX 20, CX 20, WX 20

Handrail and fittings colours

PLATINUM      SILVER

1200 mm

**Panel door CX20**

Types of equipment	C-B	MC-C
Cylinder of the main lock	WKM7 Z	WKM7 Z
Cylinder of the additional lock (with knob from the apartment)	EVO	WKM7
Upper shield		
Main shield protected		
Handrail / Door handle		
Decorative covers of hinges		
End cap of door limiter		

**Panel doors GWX20 and WX20**





Types of equipment	VC-B	MVC-VC
Cylinder of the main lock	PROSYSTEM	PROSYSTEM
Cylinder of the additional lock (with knob from the apartment)	EVO	PROSYSTEM
Upper shield		
Main shield protected		
Handrail / Door handle		
Decorative covers of hinges		
End cap of door limiter		



# ADDITIONAL FITTINGS

Equipment	Description	To the door	
	Upper shield protected	SX20, GSX	
	Door handles set door handle + door handle - TECHNO	SX20, GSX	
	Protective shield with cylinder RIM 60000	SX20, GSX	
	Upper shield unprotected - ORIENT	WX20, CX20, GWX20	
	Shield TD 200 door handle + door handle - ORIENT	WX20, CX20, GWX20	
	Shield TD 200 knob + door handle - ORIENT	WX20, CX20, GWX20	
	End cap of door limiter	All models	
		Door limiter (entrance protection when the door is partly open)	WX20, CX20, GWX20
		Door limiter (entrance protection when the door is partly open)	SX20, GSX
	Electromagnetic latch - factory-fitted in the frame - extra charge	All models	
	Anchors (132x10) available in packs of 100 pieces	All models	

# ADDITIONAL FITTINGS

Equipment	Description	To the door
	Panoramic viewer 50/85	All models
	Decorative caps for hinges - three hinges set	All models
	Preparation to the maintenance of locks and cylinders	All models
	Touch-up lacquers to the metal and panel door	All models

Assembly foam, glues, silicones, acrylics by Gerda!



Door model	Size of the EURO profile cylinder	Type of the EURO profile cylinder
WX20 GWX20	PROSYSTEM 3550	THUMB TURNS
	PROSYSTEM G4055/G5540	THUMB TURNS / System V
	PROSYSTEM G4055/G5540	THUMB TURNS
	PROSYSTEM 3550 + G4055/G5540	One Key System/ System V
	EVO G4055/G5540	THUMB TURNS
CX20	WKM7Z 3550	INSERT RACK AND PINION
	WKM7 G4055/G5540	THUMB TURNS
	WKM7 Z 3550 + G4055/5540	One Key System
	EVO G4055/5540	THUMB TURNS
SX20 GSX	RIM 6000 SX	
	WKM4/PROSYSTEM G4055/G5540	THUMB TURNS
	WKM4/PROSYSTEM G4055/G5540	THUMB TURNS / System V
	EVO G5540/G4055	THUMB TURNS

V – EURO profile cylinders equipped with assembly key (requires self transcoding to the correct key)  
One Key System - a single key opens the central and the additional lock

# ALUMINIUM FRAME - ALUTERM

Gerda ALUTERM combines the best thermal performance and strength.

**68 mm**

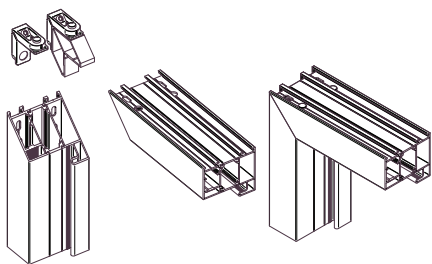


## Advantages:

- 68mm profile with increased strength and insulation
- double partition wall of the profile in places of bolting
- applicable to all models of panel doors for houses
- fit the frame to ensure full aesthetics
- aluminum profile subjected to the manufacturing process of passivation and phosphorescing

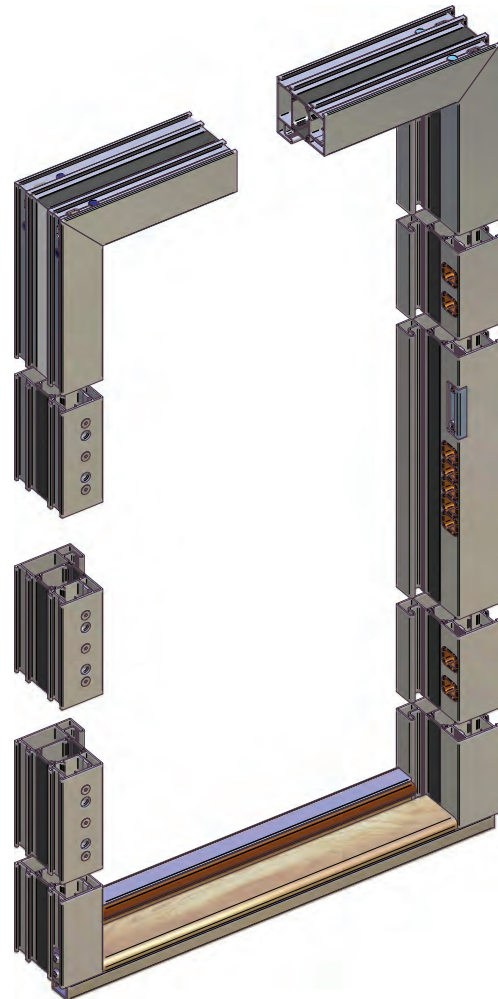


- outside cover –natural veneer, colour veneer or of the highest quality varnish from the RAL palette
- full colour compliance with all set: door leaf, frame, panels, panel slats
- possibility of two-colour frame



- corners of the frame riveted and screwed
- perfect fitting and stability

- 3 pcs of hinges
- 3 holes to anti-breaking bolts
- rubber seal containing elastomer
- adjusted ratchet
- possibility of installing electromagnetic latch

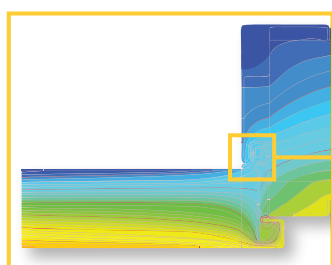


- available complete with a weatherproof composite threshold (in three colours: light brown, dark brown, anthracite)

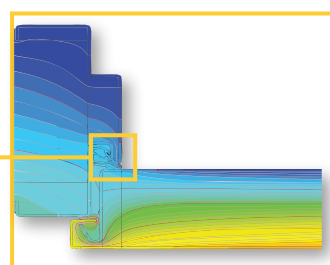


# PERFOTHERM FRAME

Patented design of GERDA PERFOTHERM® frame uses the excellent insulating properties of air. Perforation in the frame in the form of a labyrinth is a barrier to the flow of heat using air as an excellent natural thermal insulator. These features make the PERFOTHERM® frame a great product prevents heat loss through the door. At the same time the perforation in the frame is placed neutral axis, which means that only a minimal effect on the strength parameters of the profile. Tests showed that the stiffness of the frame with perforations differs only 3% of the full frame providing excellent thermal insulation.



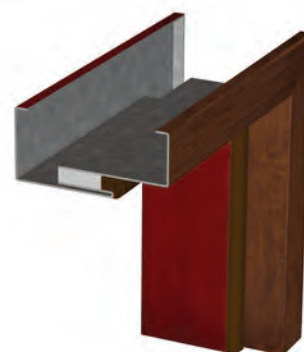
PERFOTHERM®



standard frame

## FRAME WITH THERMAL DIVIDER (extra charge)

The frame with divider is a combination of aesthetics and insulation properties. The production technology gives the possibility of making the frame in two different colours inside and outside. Divider made of special material allows for excellent technical parameters.







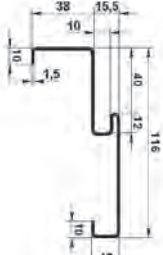
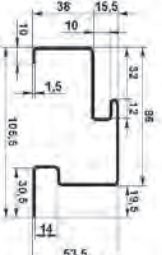
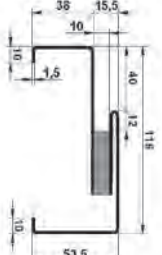
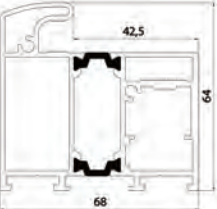
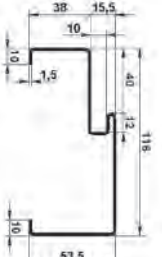
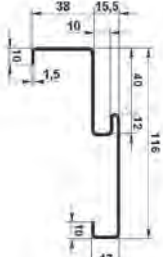
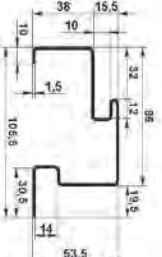
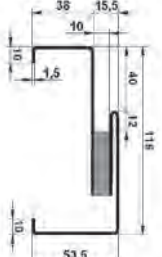
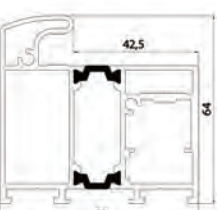
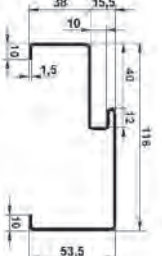

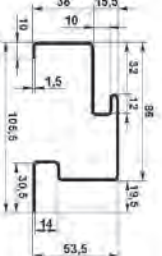
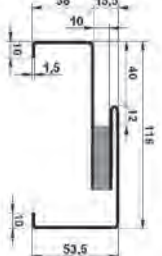
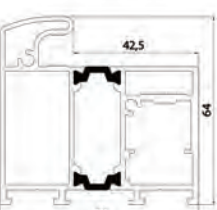
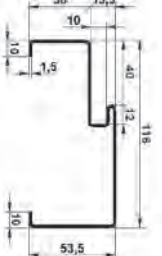
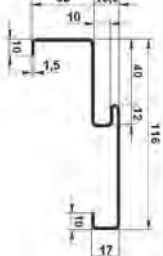
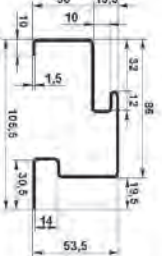

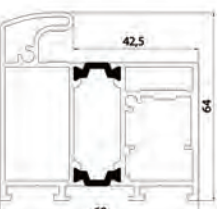
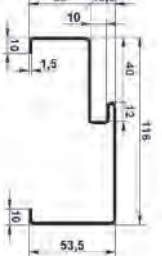
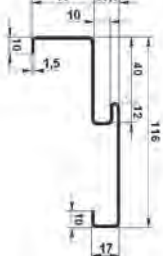
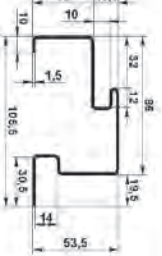
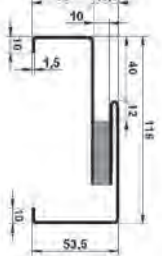
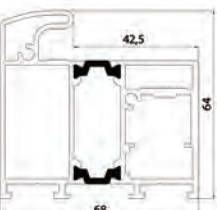


### INSTALLATION THRESHOLD

WOODEN, OAK THRESHOLD		WOODEN, NORWEGIAN THRESHOLD		COLOURS OF NORWEGIAN THRESHOLDS
19 mm	35 mm	19 mm	35 mm	
				 beech  golden oak  light nut  alpine nut
METAL STAINLESS THRESHOLD - PERFOTHERM		COMPOSITE THRESHOLD TO ALUTERM FRAME		COMPOSITE THRESHOLDS COLOURS
19 mm	32 mm	24 mm		 light brown  dark brown

# DOOR FRAMES AND THRESHOLDS

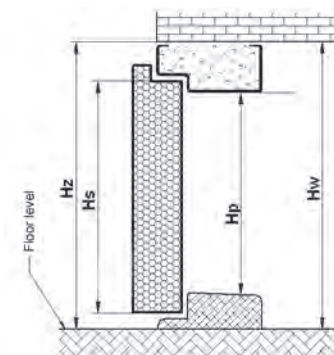
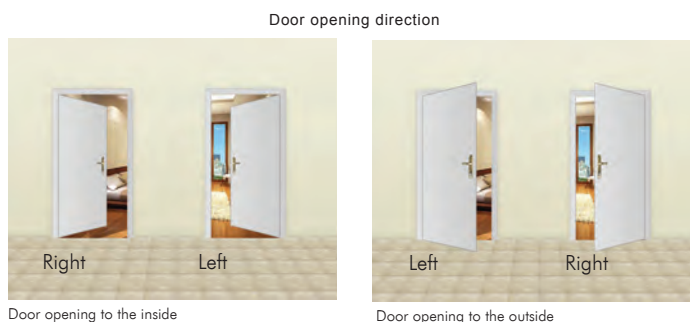
## PROFILES AND SCHEMES FRAMES

FRAME TYPE		PERFOTHERM			FRAME WITH DIVIDER FAZ SL	ALUMINIUM FRAME - ALUTERM FAL SL
		FAP SL	FRP SL	FTP SL*		
DOOR MODEL						
WX 20	80N					
	80					
	90N					
	90E					
	100E					
CX 20	80N					
	80					
	90N					
	90E					
	100E					
SX 20	80N					
	80					
	90N					
	90E					
	100E					
GWX	80N					
	80					
	90N					
	90E					
	100E					
GSX	80					
	90E					
	100E					

\* ONLY FOR OUTWARDS OPENING DOOR

## IMPORTANT INFORMATION REQUIRED WHEN INSTALLING DOOR

Due to the design corner frame allows embedding door Gerda in place of the exchanged door without to forge hole (e.g. doors replacement of in old building). Corner frame is adapted for mounting „the anchors”.



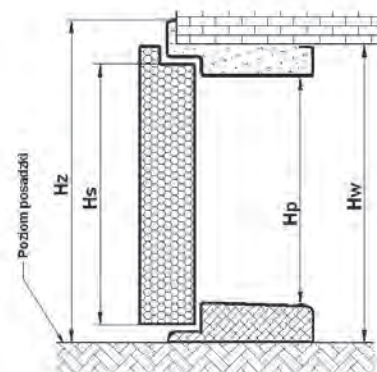
Demonstrative drawing for frames and thresholds: FAP SL, FRP SL, ALUTERM, FA SL with divider.

**Attention! Precise direction of door opening should be set with the seller during the order.**

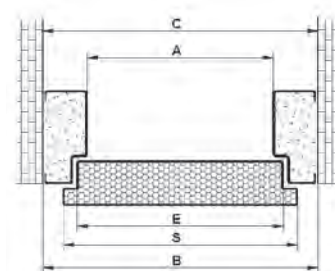
## MAIN DIMENSIONS OF DOOR LEAVES AND DOOR FRAMES - HEIGHT

Used in the table: Hz, Hs, Hp, Hw, determine appropriate dimensions according to demonstrative drawings next to the table.

IDENTIFICATION FRAME	THRESHOLD	Hz	Hs	Hp	Hw
FAP SL, FRP SL, FAZ SL	Without the threshold	2075	2025	2021	2075
	Norwegian 35 mm, Oaken 35 mm	2085	2025	1995	2085
	Metal 32 mm	2080	2025	1995	2080
	Norwegian 19 mm, Oaken 19 mm, Metalowy 19 mm	2075	2025	2000	2075
FTP SL	Bez progů	2075	2025	2021	2040
	Norwegian 35 mm, Oaken 35 mm	2094	2025	1985	2102
	Metal 32 mm	2080	2025	2000	2045
	Norwegian 19 mm, Oaken 19 mm, Metal 19 mm	2075	2025	2005	2040
Aluterm FAL SL	Composite 24 mm	2085	2025	2000	2102



Demonstrative drawing for frame and threshold: FTP SL

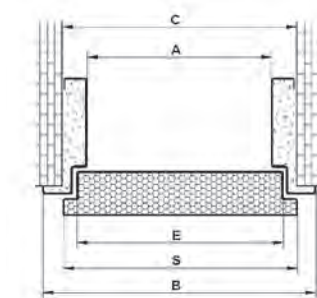


Demonstrative drawing for frame: FAP SL, FRP SL, ALUTERM, FA SL with divider

## MAIN DIMENSIONS OF DOOR LEAVES AND DOOR FRAMES - WIDTH

Used in the table: A, B, C, E and S, determine appropriate dimensions according to demonstrative drawings next to the table

DOOR TYPE	DOOR MODEL	DOOR LEAVES		DOOR FRAMES								
				FAP SL, FRP SL, FAZ SL			FTP SL			ALUTERM FAL SL		
		E	S	A	B	C	A	B	C	A	B	C
80N	WX20SL, GWX20SL, CX20SL, SX20SL	785	815	765	872	872	765	872	799	765	890	890
80	WX20SL, GWX20SL, CX20SL, SX20SL, GSXSL	815	845	795	902	902	795	902	829	795	920	920
90N	WX20SL, GWX20SL, CX20SL, SX20SL	885	915	865	972	972	865	972	899	865	990	990
90E	WX20SL, GWX20SL, CX20SL, SX20SL, GSXSL	928	958	908	1015	1015	908	1015	942	908	1033	1033
100E	WX20SL, GWX20SL, CX20SL, SX20SL, GSXSL	1028	1058	1008	1115	1115	1008	1115	1042	1008	1133	1133



Demonstrative drawing for door frame: FTP SL

FOR THE SHOWN RESULTS BE ADDED MOUNTING GAP



# COLOURS CARD

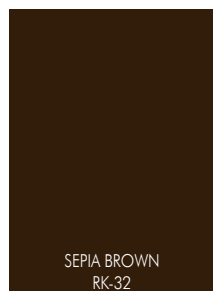
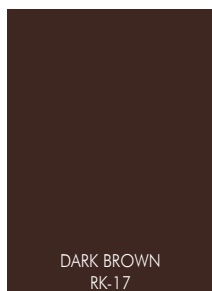
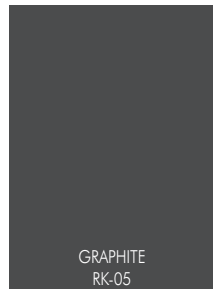
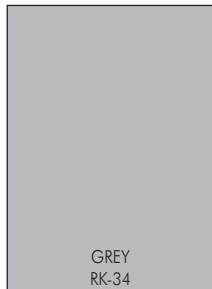
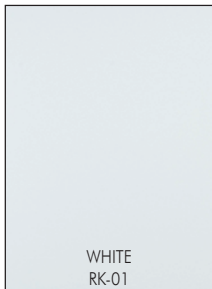
## NATURAL AND COLOUR VENEERS



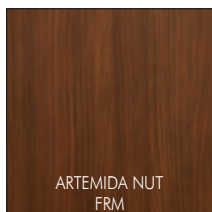
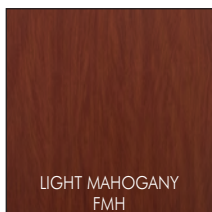
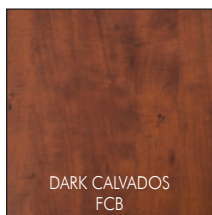
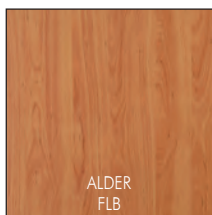
## SLATS AND DOOR FRAME COLOURS



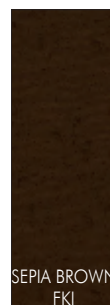
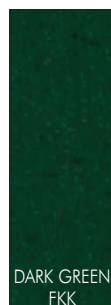
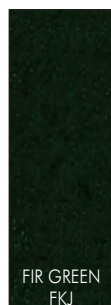
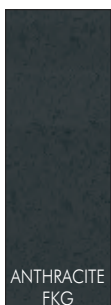
## VARNISHES











## VENEERS IN NATURAL COLOURS - offer subject to availability



## SLATS AND DOOR FRAME COLOURS



# USEFUL INFORMATION

DOOR TYPE	TECHNICAL INFORMATION				ANTIBURGLAR EQUIPMENT			
								
Gerda TT	48	30	1,3	RC2/ RC2N		6	3	3
Gerda TT Plus	58	31	1,15	RC2/ RC2N		6	3	3
Gerda TT Max	58	31	1,15	RC2/ RC2N	•	9	3	3
Gedra TT Plus Duo	58	31	1,4	RC2/ RC2N		6	6	6

Ratios of thermal insulation are given for the door set with a warm frame PERFOTHERM®

## DESCRIPTION

-  Door leaf thickness (mm)
-  Ratio insulation acoustic (required min 27 dB)
-  Thermal heat transfer coefficient (allowed max 2.6 W/ (m2. K))
-  Burglary resistance class
-  Solid anti-breaking bolts
-  Burglary triple hinges
-  Multipoint Central lock
-  Point bolts q'ties



# FEATURES OF TT GROUP



The heat is important- developed and patented a warm frame and warm threshold PERFOTHERM providing excellent thermal insulation door.



By applying frame PERFOTHERM we achieved balanced thermal permeability door leaf and frame = thermal comfort. More on page 38.



Using bold steel sheet we obtained a higher rigidity the door leaf and burglary resistance.



Bold steel sheet with specially selected filling door allowed us to gain greater stability and longevity the door leaf in changeable weather conditions.



Application filling provides very good sound insulation.



Modern metal stamping technology gives us the opportunity flush with the door leaf surface of decorative inserts made of stainless steel improving aesthetic design, durability and comfort.



All mechanisms are produced in Polish factories which ensures reliability and durability, while ensuring broad access to spare parts and service.



Patented frame and threshold PERFOTHERM® available at a price set



Thanks to the applied structural solutions and the highest quality materials all the doors are burglar resistance class RC2 or RC2N (glazed doors) according to PN-EN 1627



Heat transfer coefficient for the model door TT with a thickness of 48 mm and frame PERFOTHERM® - 1.3 W / m<sup>2</sup>K



Heat transfer coefficient for models door TT and TT MAX PLUS with a thickness of 58 mm and frame PERFOTHERM® - 1.15 W / m<sup>2</sup>K



By filling the door leaf with plate of expanded polystyrene EPS achieved thermal acoustic insulation - 31 dB



Weather-resistant steel sheet by 20% thicker than other door manufacturers in this door class



Doors have hinges deposition in the door leaf with steel reinforcement brackets



Main lock Gerda ZW 1000 certified in the highest class of security. Class 7 according to EN 12209 and C according to KT/401/IMP/ 2009



EVO cylinder - modern construction resistant to manipulation, reaming and bumping, certified in class 5.1.B according to PN-EN 1303



Main cylinder protected by certified shield with anti-breaking cover, fittings class 2 according to PN-EN 1906



Door shields made of anodized aluminum with a very high durability and resistance to weather conditions



Double-sealed of the door leaf and frame



Adjustable latch hook



## DOOR LEAF STRUCTURE

1. The door leaf filling up with the ecological foamed EPS polystyrene with high performance insulating and acoustic **7**
2. Steel sheet of sheathing galvanized, coated with anti-rust paint primer and decorative laminate **4**
3. Main lock ZW1000 certified in the highest security class
4. Additional lock ZW 500 certified in high security class
5. Strengthening of hardwood in place of locks and hinges
6. Solid anti-breaking bolts
7. Adjustable triple hinges
8. The door leaf fillister seal
9. Door leaf thickness 48 mm



According to the report research

### STANDARD EQUIPMENT - IN THE PRICE DOOR



According to the report research

### OPTIONAL EQUIPMENT - EXTRA CHARGE

In order to maintain class RC2 it is necessary to use the door shield with cylinder protection. When using the door as an external is required frame FA or FAP.

Gerda TT doors for use in construction of single-family and multi-family, high performance thermal and acoustic insulation.

Gerda TT are certified in 2nd security class (RC2 / RC2N) and include a number of innovative solutions consistent with the safety Gerda standard.

## TT PLUS MODEL - HIGH THERMAL AND ACOUSTIC INSULATION IN RELATION TO TT MODEL

### DOOR LEAF STRUCTURE

1. The door leaf filling up with the ecological foamed EPS polystyrene with high performance insulating and acoustical
2. Steel sheet of sheathing galvanized, coated with anti-rust paint primer and decorative laminate
3. Main lock ZW1000 certified in the highest security class **7**
4. Additional lock ZW 500 certified in high security class **4**
5. Strengthening of hardwood in place of locks and hinges (metal hinge supports)
6. Solid anti-breaking bolts
7. Adjustable triple hinges
8. Double sealed
9. Door limiter (optional)
10. Door leaf thickness 58 mm
11. FRAME PERFOTHERM®



### STANDARD EQUIPMENT - IN THE PRICE DOOR

1. The door leaf with a thickness of 48mm
2. Frame FB or FN (corner)
3. Wooden threshold or stainless steel threshold (19 or 32 mm)PERFOTHERM®



According to the report research

### OPTIONAL EQUIPMENT - EXTRA CHARGE

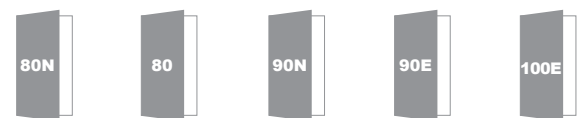


According to the report research

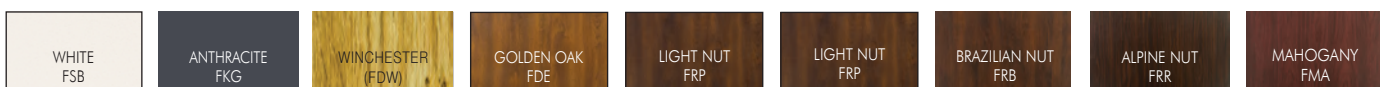
NORMY

	mortise lock	security and resistance class to drilling according to PN-EN 12209
min	1 2 3 4 5 6 7	max
	inserts to locks	attack resistance class according to PN-EN 1303 key code security class according to PN-EN 1303
min	0 1 2	max
min	1 2 3 4 5 6	max
wkładki i zamki do drzwi	burglary resistance class according to KT/402/IMP/2009 (for inserts) according to KT/401/IMP/2009 (for mortise locks)	
min	T A B C	max

### AVAILABLE DOOR SIZES



### SELECTED DOORS COLOUR (full colour on page 52-53)



DOOR MODELS AVAILABLE ON PAGE 16-22





## DOOR LEAF STRUCTURE

1. The door leaf filling up with the ecological foamed EPS polystyrene with high performance insulating and acoustical
2. Steel sheet of sheathing galvanized, coated with anti-rust paint primer and decorative laminate
3. Main lock ZW1000 certified in the highest security class **7**
4. Additional lock ZW 500 certified in high security class **4**
5. Zamek pomocniczy
6. Strengthening of hardwood in place of locks and hinges (metal hinge supports)
7. Solid anti-breaking bolts
8. Adjustable triple hinges
9. Double sealed
10. Door limiter (optional)
11. Rygiel górny
12. Door leaf thickness 58 mm
13. FRAME PERFOTHERM®
14. THRESHOLD PERFOTHERM



According to the report research

## STANDARD EQUIPMENT - IN THE PRICE DOOR

1. the door leaf with a thickness of 58 mm
2. frame FAP - PERFOTHERM®
3. wooden threshold or stainless steel threshold (19 or 32 mm) PERFOTHERM®



According to the report research

## OPTIONAL EQUIPMENT - EXTRA CHARGE

### Available fittings:

- fittings sets available on page 32-33
- it is possible to mount the handrail for all models of TT and TT PLUS MAX. Information about handrail available on page 33
- information about shortening doors available on page 37
- in order to maintain class RC2 it is necessary to use the shield with cylinder protection

FLAT W00

Model	page
TT PLUS	85
TT MAX	86
TT	84



BARCELONA W53

Model	page
TT PLUS	85
TT MAX	86
TT	84



BARCELONA 1 (W53)

Model	page
TT PLUS	85
TT MAX	86
TT	84



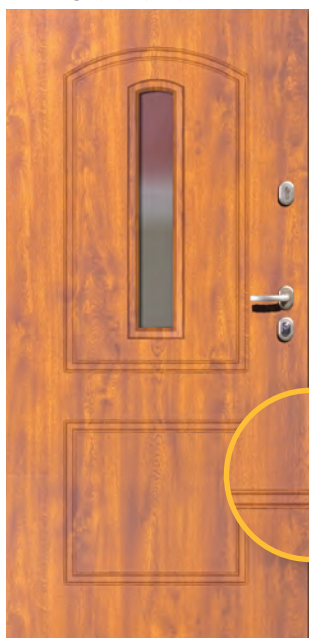
LONDYN W13

Model	page
TT PLUS	85
TT MAX	86
TT	84



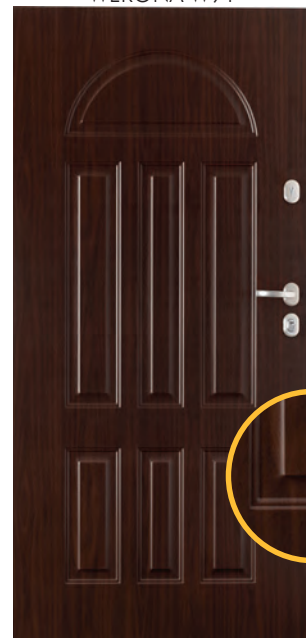
LONDYN 1 W41

Model	page
TT PLUS	85
TT MAX	86
TT	84



WERONA W91

Model	page
TT PLUS	85
TT MAX	86



WERONA 1 W91

Model	page
TT PLUS	85
TT MAX	86



WERONA 2 W92

Model	page
TT PLUS	85
TT MAX	86
TT	84



WERONA 3 W93

Model	page
TT PLUS	85
TT MAX	86
TT	84





WERONA 4 W6A



Model	page
TT PLUS	85
TT MAX	86

WERONA 5 WQA



Model	page
TT PLUS	85
TT MAX	86

WERONA 6 WXA



Model	page
TT PLUS	85
TT MAX	86

WERONA 7 WR9



Model	page
TT PLUS	85
TT MAX	86

LIZBONA W24



Model	page
TT PLUS	85
TT MAX	86

LIZBONA 3 WIA



Model	page
TT PLUS	85
TT MAX	86

LIZBONA 2 WKA



Model	page
TT PLUS	85
TT MAX	86

Optional stained glass C

WENECJA W9N



Model	page
TT PLUS	85
TT MAX	86

WERONA 1 (W91)



Model	page
TT PLUS	85
TT MAX	86
TT	84

Optional stained glass C



WERONA 2 W9M

Model	page
TT PLUS	85
TT MAX	86

Optional stained glass B



WENECJA 3 WIB

Model	page
TT PLUS	85
TT MAX	86



WENECJA 4 WPW

Model	page
TT PLUS	85
TT MAX	86



PATRA SCA

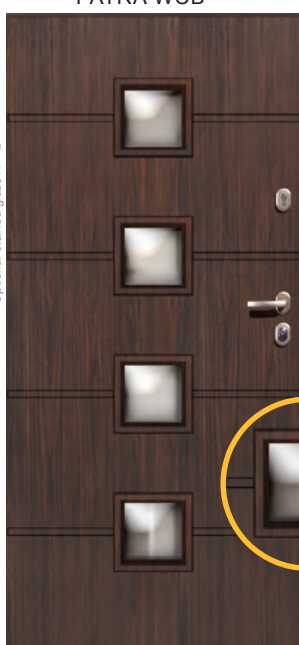
Model	page
TT PLUS	85
TT MAX	86



PATRA WCB

Model	page
TT PLUS	85
TT MAX	86

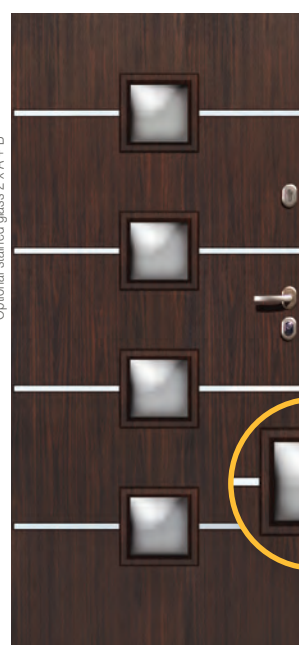
Optional stained glass A + B



PATRA WCC

Model	page
TT PLUS	85
TT MAX	86

Optional stained glass 2 x A + B



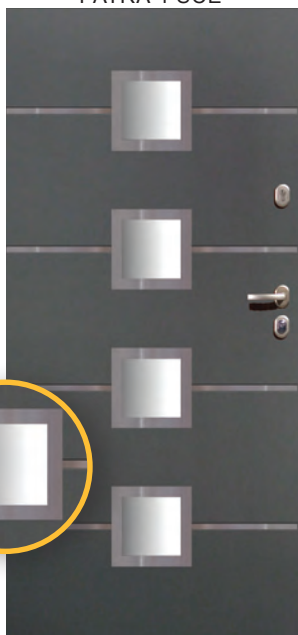
PATRA SCD

Model	page
TT PLUS	85
TT MAX	86



PATRA 4 SCE

Model	page
TT PLUS	85
TT MAX	86



PATRA 5 SCF

Model	page
TT PLUS	85
TT MAX	86



\* Size 100E extra charge 15% to the set price. Available in colours GOLDEN OAK (FDE) and ALPINE NUT (FRR).

PATRA 6 SLG



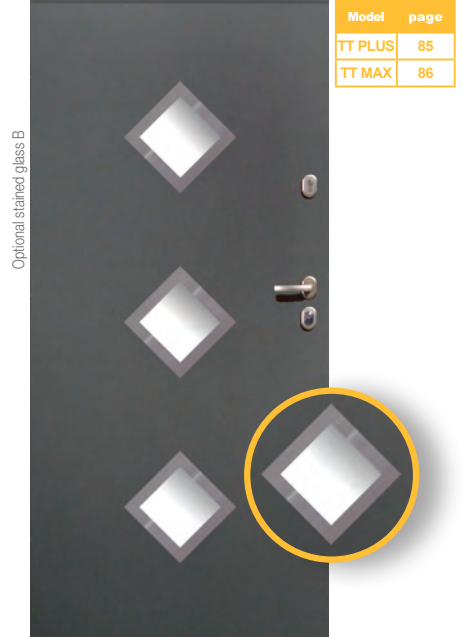
Model	page
TT PLUS	85
TT MAX	86

PATRA 7 WL3



Model	page
TT PLUS	85
TT MAX	86

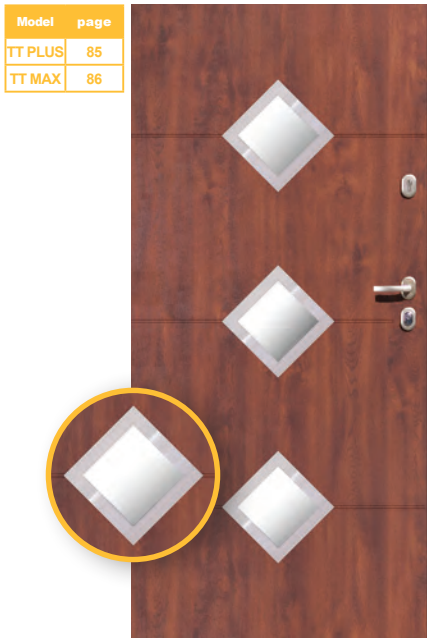
PADWA SDA



Model	page
TT PLUS	85
TT MAX	86

Optional stained glass B

PADWA 1 SDB



Model	page
TT PLUS	85
TT MAX	86

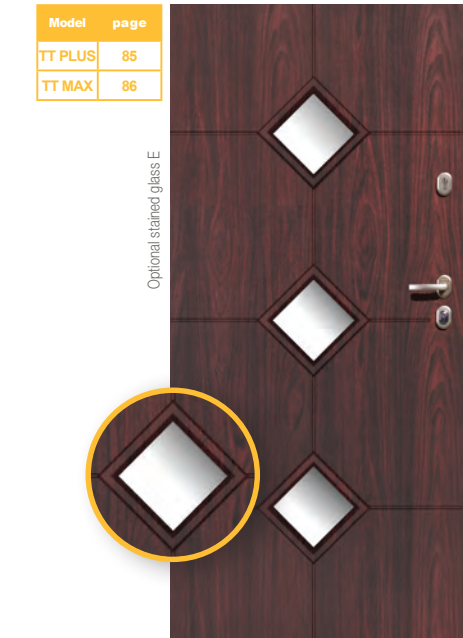
PADWA 2 WDC



Model	page
TT PLUS	85
TT MAX	86

Optional stained glass B

PADWA WDD



Model	page
TT PLUS	85
TT MAX	86

Optional stained glass E

KOLONIA W29



Model	page
TT PLUS	85
TT MAX	86

Optional stained glass E

MODENA W76



Model	page
TT PLUS	85
TT MAX	86

Optional stained glass E

MODENA W77



Model	page
TT PLUS	85
TT MAX	86

Optional stained glass E

Size 100E extra charge 15% to the set price. Available in colours GOLDEN OAK (FDE) and ALPINE NUT (FRR).



MODENA 1 S7A

Model	page
TT PLUS	85
TT MAX	86



MODENA 4 S7B

Model	page
TT PLUS	85
TT MAX	86



CATANIA WMA

Model	page
TT PLUS	85
TT MAX	86



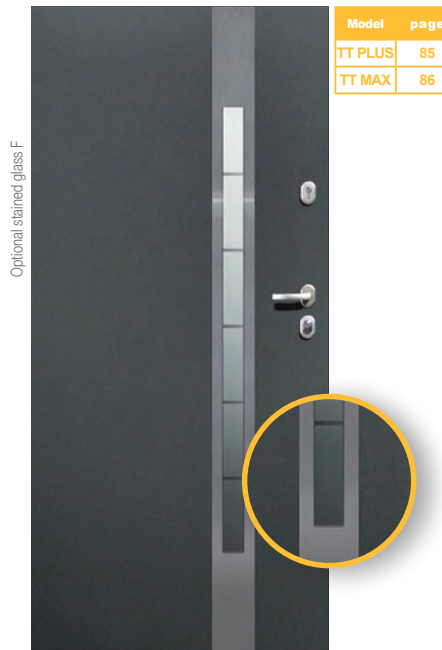
LONDYN W4L

Model	page
TT PLUS	85
TT MAX	86



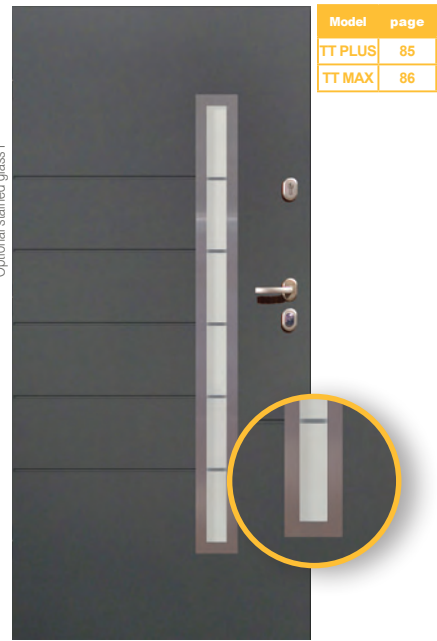
MILANO 1 SNN

Model	page
TT PLUS	85
TT MAX	86



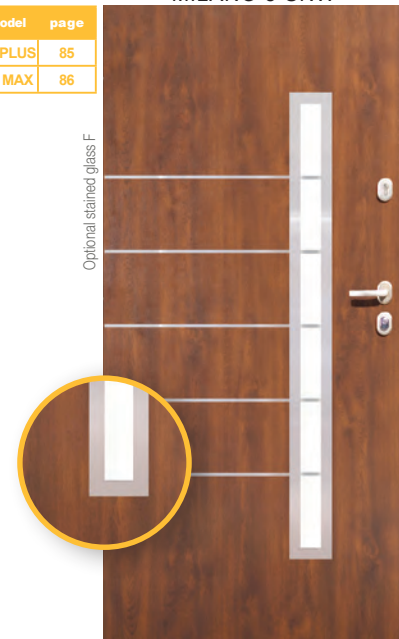
MILANO 4 SNU

Model	page
TT PLUS	85
TT MAX	86



MILANO 5 SNW

Model	page
TT PLUS	85
TT MAX	86



MILANO 6 SNX

Model	page
TT PLUS	85
TT MAX	86



MILANO 7 SNY

Model	page
TT PLUS	85
TT MAX	86



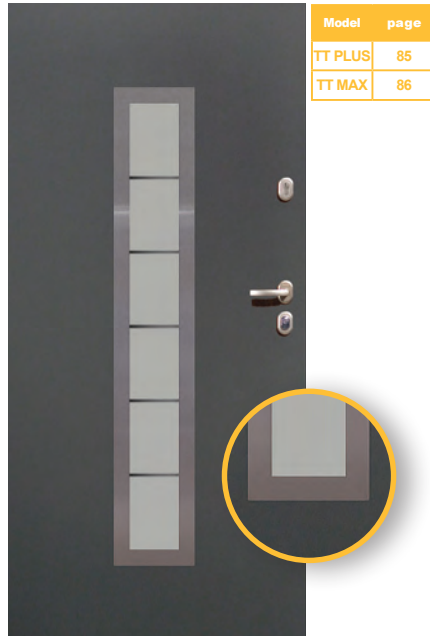
Size 100E extra charge 15% to the set price. Available in colours GOLDEN OAK (FDE) and ALPINE NUT (FRR).



MILANO 2 WNM



HANOWER 1 SW3



HANOWER 2 SW4



BERLIN WEA



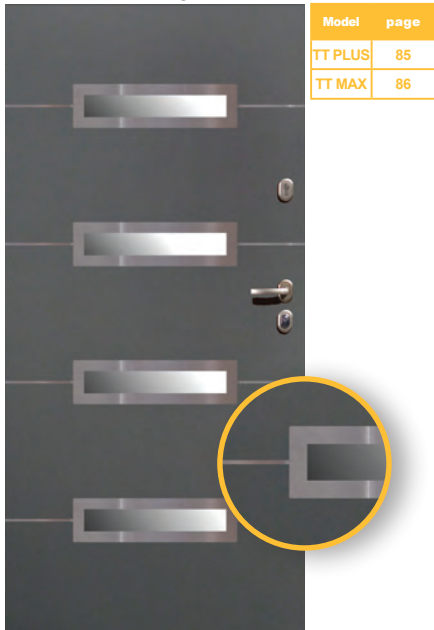
BERLIN 1 WSL



BERLIN 2 SBC



BERLIN SBD



BERLIN 4 SBE



PARMA WZ1



PARMA 1 SZG

Model	page
TT PLUS	85
TT MAX	86



PARMA 2 WF2

Model	page
TT PLUS	85
TT MAX	86



NICEA 4 SJG

Model	page
TT PLUS	85
TT MAX	86



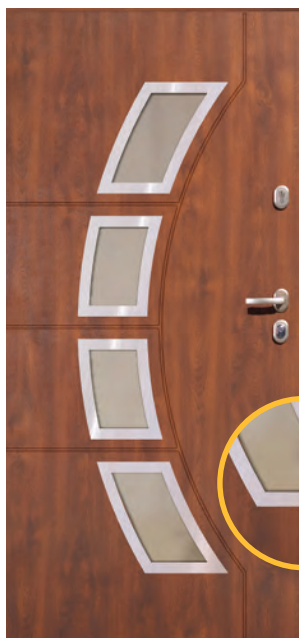
NICEA WJ1

Model	page
TT PLUS	85
TT MAX	86



NICEA 3 SJ6

Model	page
TT PLUS	85
TT MAX	86



NICEA 6 SJA

Model	page
TT PLUS	85
TT MAX	86



TORINO 3 WUT

Model	page
TT PLUS	85
TT MAX	86



TORINO 4 STD

Model	page
TT PLUS	85
TT MAX	86



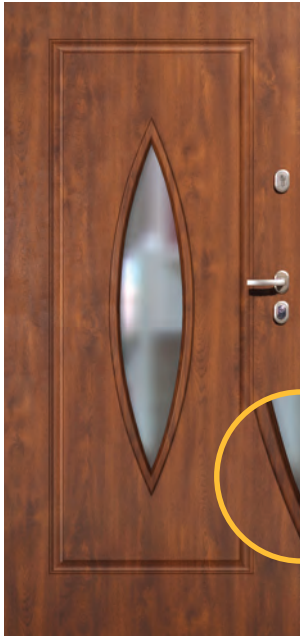
TORNO 5 STE

Model	page
TT PLUS	85
TT MAX	86





BERGAMO WO1



Model	page
TT PLUS	85
TT MAX	86



BERGAMO 1 SOH



Model	page
TT PLUS	85
TT MAX	86



BERGAMO 2 SOJ



Model	page
TT PLUS	85
TT MAX	86



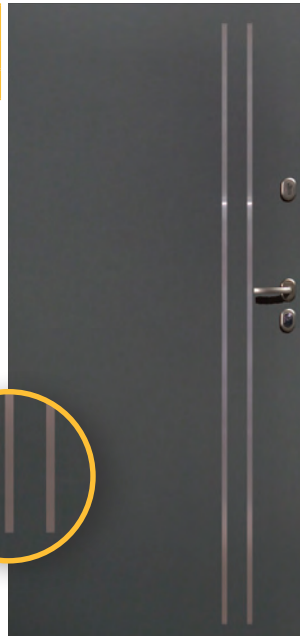
TOKIO WAA

Model	page
TT PLUS	85
TT MAX	86
TT	84



TOKIO 2 TMM

Model	page
TT PLUS	85
TT MAX	86



TOKIO 1 TML

Model	page
TT PLUS	85
TT MAX	86



ASPEN TN6



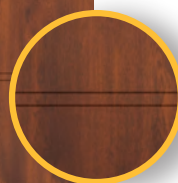
Model	page
TT PLUS	85
TT MAX	86
TT	84



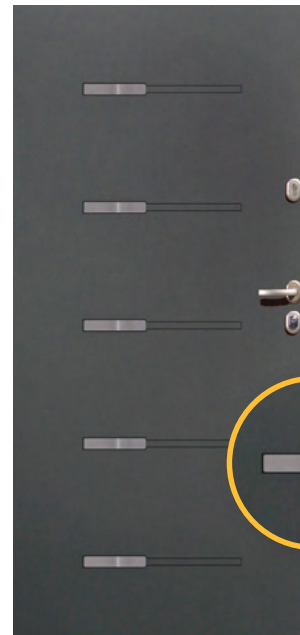
ASPEN 1 WBA



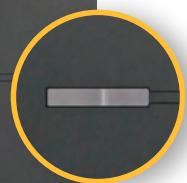
Model	page
TT PLUS	85
TT MAX	86
TT	84



ASPEN 2 TN7



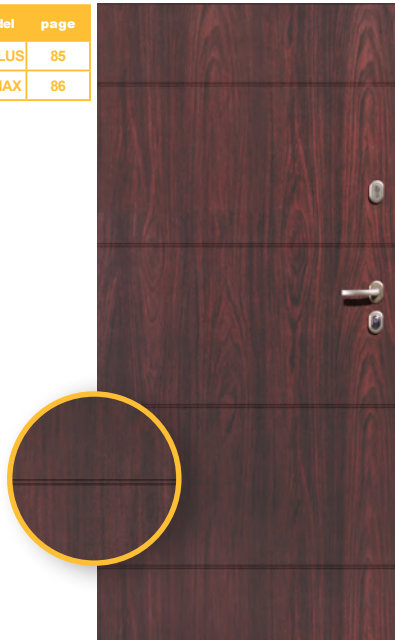
Model	page
TT PLUS	85
TT MAX	86





ASPEN 3 WBB

Model	page
TT PLUS	85
TT MAX	86



ASPEN 4 TN8

Model	page
TT PLUS	85
TT MAX	86



ASPEN 5 TN9

Model	page
TT PLUS	85
TT MAX	86

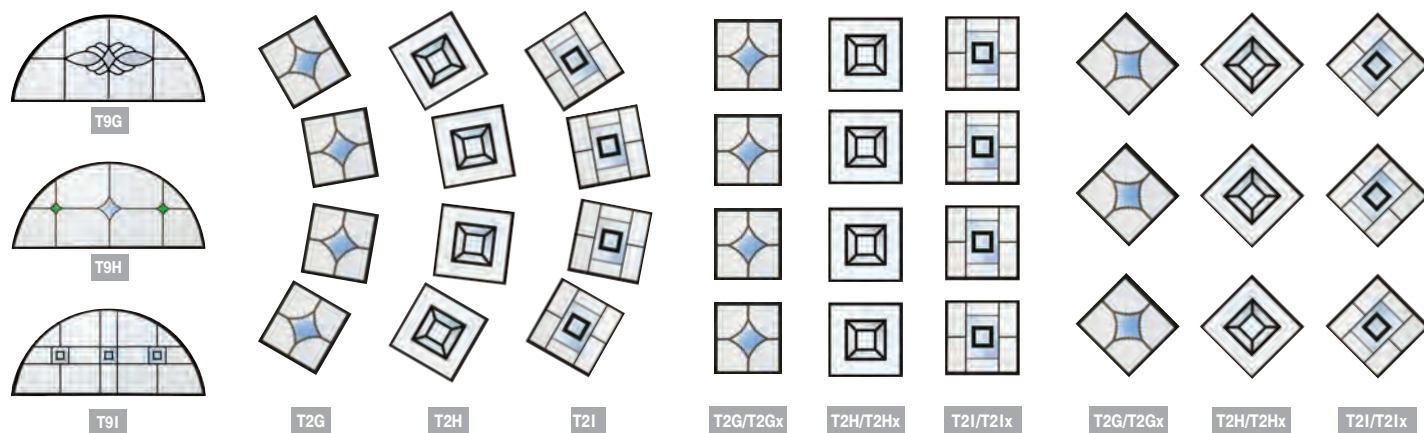
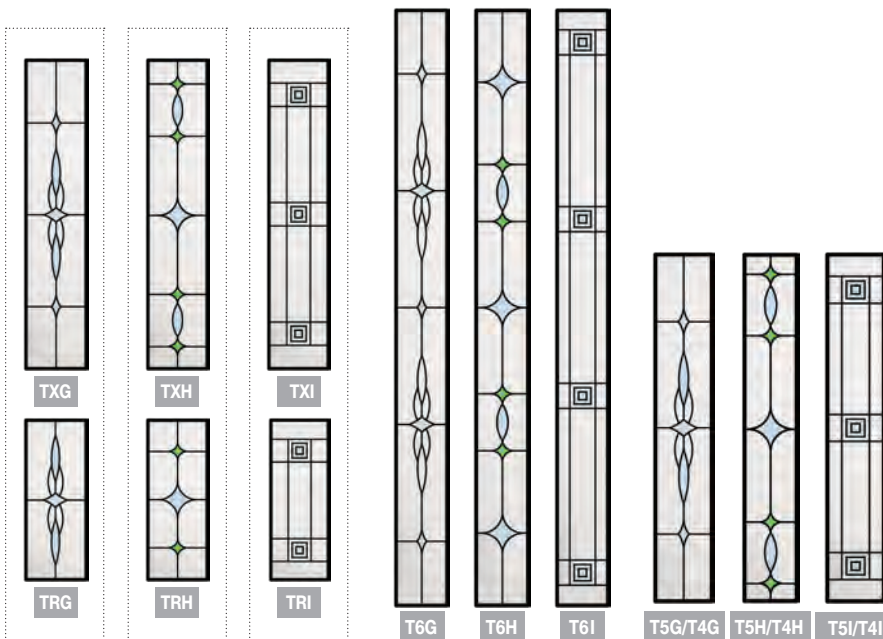


RAVENNA WDR

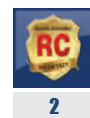
Model	page
TT PLUS	85
TT MAX	86
TT	84



**SZKŁO MATOWE  
Z ELEMENTAMI PRZEZIERNYMI**



# DUO DOORS



DUO doors of the TT group is an alternative for those looking for wider front door to home. This model combines aesthetics and functionality. By applying passive leaf you can get more space. Passive door leaf can occur with or without glazing.

- Standard frame PERFOTHERM®
- Resistance class RC2 / RC2N
- Three sizes of the door passive leaf (30cm, 40cm, 50cm) available in the same price
- Possibility to fill holes with a width of 1.27m to 1,47m
- Possibility to use each model and colour of the TT PLUS door-full or glazed as the active leaf
- Possibility to equip with a handrail



\* Passive door leaf GN4 recommended for the pattern WNM, passive door leaf GN5 recommended for patterns: W76 and W77.  
 \*\* Passive door leaf DN5 recommended for patterns: S7A and S7B, passive door leaf DN3 recommended for patterns: SNU and SNW.





# DUO DOORS

MODENA4 + DN5



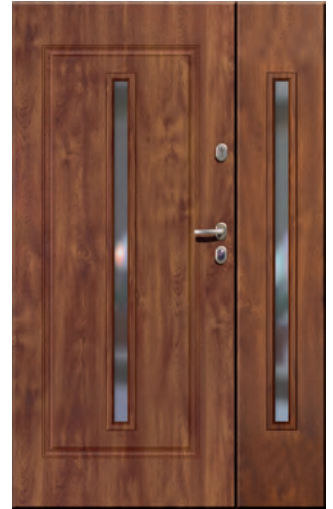
CATANIA + GM7



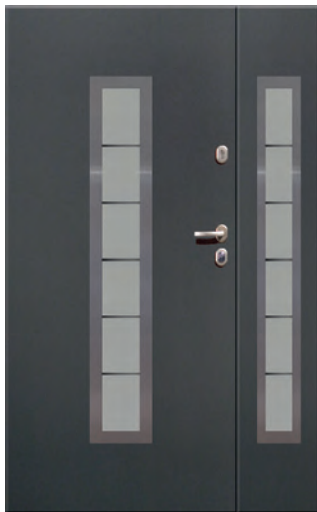
MODENA1 + DN5



MODENA + GN5



HANOWER1 + DW9



HANOWER2 + DW8



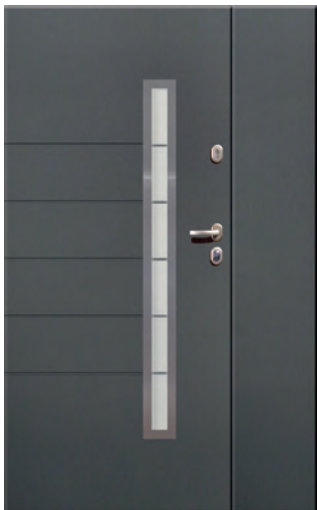
MILANO6 + DN6



MILANO7 + NMC



MILANO4 + P00



MILANO2 + NMB



ASPEN2 + DN5



TORINO3 + GN4





# DUO DOORS

LIZBONA3 + PD4



LIZBONA2 + PD4



WERONA5 + GPD



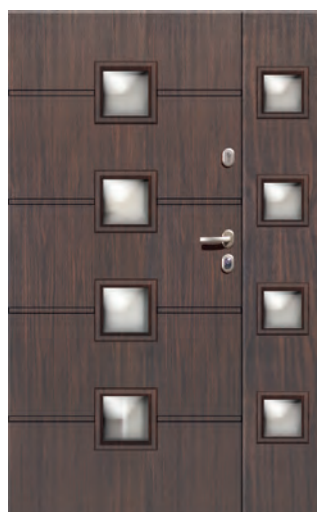
WENECJA3 + GH1



PATRA4 + DC3



PATRA1 + GC2



NICEA3 + DPE



NICEA6 + DPE



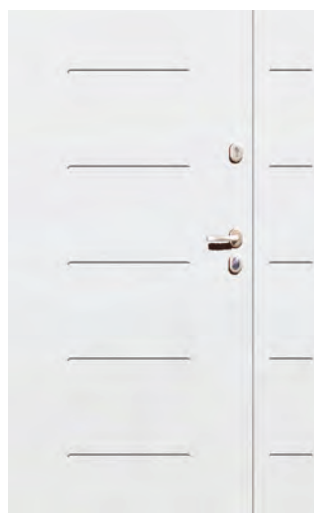
BERGAMO2 + P00



TORINO4 + DN5



ASPEN1 + PD5



TOKIO1 + P00



# TRANSOM

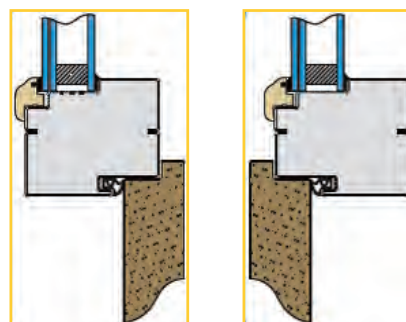
## LIGHTING YOUR HOME WITHOUT HEAT LOSS

The number of door combinations of patterns and colors and a multitude of available glazing will provide each customer of the possibility of individual adjustment the product.



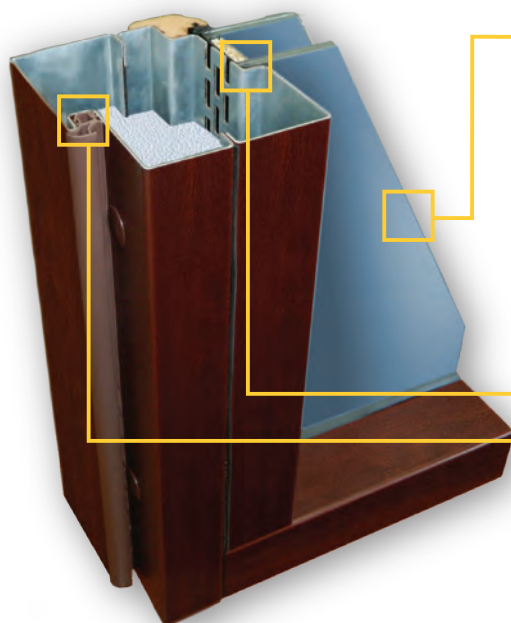
- available glazing
  - reflexes brown
  - reflexes graphite
  - matte
  - matte translucent stripes (pattern as in the presented photo)
- Offer with all models door PLUS TT and TT Max: in the colour palette corresponding to a given model
- Wide range of color fittings, handrails
- Varied design the door leaf of metal doors
- Portal embedding of transom glazing

Konstrukcja ościeżnic umożliwia montaż drzwi otwieranych na zewnątrz lub do wewnątrz domu



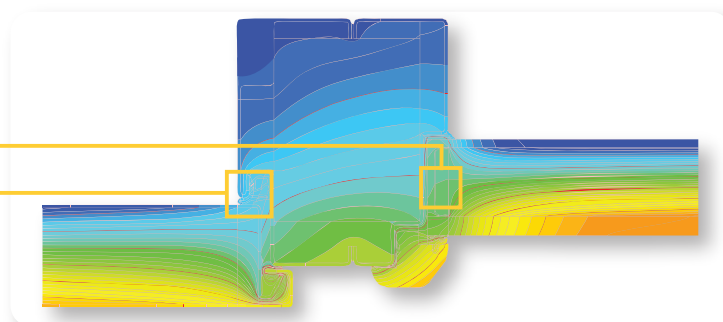
Door with transom side and top use PERFOTHERM® system - patented perforated frame. Construction of PERFOTHERM® system improve the thermal insulation while maintaining strength parameters.

## ISOTHERMS HEAT FLOW



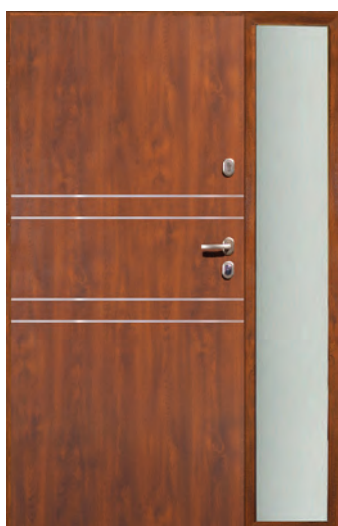
In transom is applied double glazing package made of safety glass or P2 for extra charge \*

## SYSTEM GERDA PERFOTHERM®



\* The package of shatter-proof glass P2 for extra charge

## TRANSOM - LISTS



At the door with additional fixed glazed can only be used thresholds with a height of 19mm.

STANDARD TRANSOM ARE PRODUCED FOR THE DOOR LEAF SIZE 90E

\* Special Order:

- possibility making of transom set for door model TT PLUS and TT MAX with a width of 80, 100E
- possibility making of transom set with a custom width or height

Available configurations with transom dimensions side 300mm or 500mm and 300mm top that concern metal doors Gerda TT Plus and TT MAX size 90E with frame FAP-D



# TRANSOM DIMENSIONS

## POSSIBLE OPTIONS OF TRANSOM



s/s=300/300mm  
s/s=300/500mm  
s/s=500/500mm  
h=300mm In the price of side part  
glass P2 extra charge



s=300mm  
s=500mm  
h=300mm In the price of side part  
glass P2 extra charge



s=300mm  
s=500mm  
h=300mm In the price of side part  
glass P2 extra charge

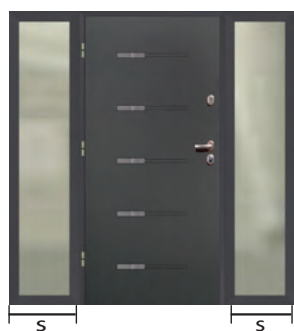


h = 300mm  
glass P2 extra charge

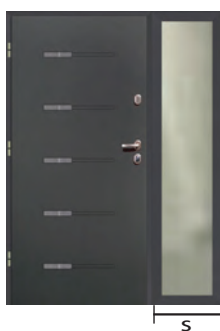
Guaranteed insulation and durability



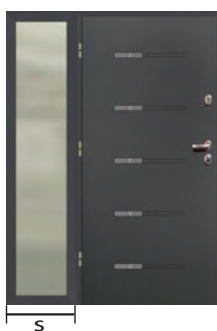
For mounting frames and transom is recommended expanded foam Gerda



s/s=300/300mm  
s/s=300/500mm  
s/s=500/500mm  
glass P2 extra charge



s = 300mm  
s = 500mm  
glass P2 extra charge



300mm  
500mm  
glass P2 extra charge

The overall dimensions of sets on pages 36-37.

\* The panel replaces full glazing of transom available on special order

## SPECIAL ORDERS

On special order there is a possibility of individual projects of transom and DUO doors.

### EXAMPLES OF PROJECTS



# FITTINGS

## TT/TT PLUS



	TT/TT PLUS
Types of equipment	A-A
Cylinder of the main lock	WKE1
Cylinder of the additional lock	WKE1
Upper shield	unprotected
Main shield	unprotected
Handles „Blok”	set
End cap of door limiter (only TT Plus)	1 pcs
Fittings colours	<div style="display: flex; gap: 5px;"> <div style="background-color: #cccccc; padding: 2px;">SILVER</div> <div style="background-color: #d3d3d3; padding: 2px;">PLATINUM</div> <div style="background-color: #808000; padding: 2px;">OLIVE</div> <div style="background-color: #d4af37; padding: 2px;">GOLD</div> </div>

A – Standard cylinder  
 B – Attested cylinder in B Class  
 C – Attested cylinder in C Class  
 M – one key system

## TT/TT PLUS



	TT/TT PLUS	TT/TT PLUS
Types of equipment	B-A	MB-B
Cylinder of the main lock	EVO	EVO
Cylinder of the additional lock (with knob from the apartment)	WKE1	EVO
Upper shield	unprotected	unprotected
Main shield	protected	protected
Handles „Blok”		set
End cap of door limiter (only TT Plus)	1 pcs	1 pcs
Fittings colours	<div style="display: flex; gap: 5px;"> <div style="background-color: #cccccc; padding: 2px;">SILVER</div> <div style="background-color: #d3d3d3; padding: 2px;">PLATINUM</div> <div style="background-color: #808000; padding: 2px;">OLIVE</div> <div style="background-color: #d4af37; padding: 2px;">GOLD</div> </div>	<div style="display: flex; gap: 5px;"> <div style="background-color: #cccccc; padding: 2px;">SILVER</div> <div style="background-color: #d3d3d3; padding: 2px;">PLATINUM</div> <div style="background-color: #808000; padding: 2px;">OLIVE</div> <div style="background-color: #d4af37; padding: 2px;">GOLD</div> </div>

## TT/TT MAX



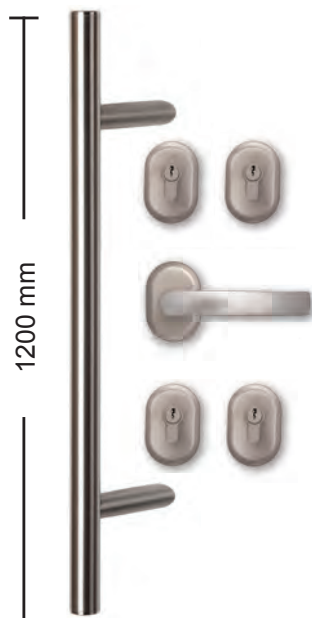
	TT MAX	TT MAX
Types of equipment	B-A	MB-B
Cylinder of the main lock	EVO	EVO
Cylinder of the additional lock (with knob from the apartment)	WKE1	EVO
Upper shield	unprotected	unprotected
Main shield	protected	protected
Handles „Blok”	set	set
End cap of door limiter (only TT Plus)	1 pcs	1 pcs
Fittings colours	<div style="display: flex; gap: 5px;"> <div style="background-color: #cccccc; padding: 2px;">SILVER</div> <div style="background-color: #d3d3d3; padding: 2px;">PLATINUM</div> <div style="background-color: #808000; padding: 2px;">OLIVE</div> <div style="background-color: #d4af37; padding: 2px;">GOLD</div> </div>	<div style="display: flex; gap: 5px;"> <div style="background-color: #cccccc; padding: 2px;">SILVER</div> <div style="background-color: #d3d3d3; padding: 2px;">PLATINUM</div> <div style="background-color: #808000; padding: 2px;">OLIVE</div> <div style="background-color: #d4af37; padding: 2px;">GOLD</div> </div>

# HANDRAILS

Doors with handrails and unilateral handle from the inside. Available for selected models of panels door to houses. Sets of equipment dedicated to the door leaf adapted for mounting unilateral handrail and door handles. The door handrail recommended to use with electromagnetic latch in the frame.



## TT PLUS



	TT PLUS
Types of equip-	A-A
Cylinder of the main lock	WKE1
Cylinder of the additional lock	WKE1
Upper shield	unprotected
Main shield	unprotected
Handles „Blok“	unilateral
End cap of door limiter (only TT Plus)	1 pcs
Fittings colours	<div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 2px; background-color: #ccc;">SILVER</div> <div style="border: 1px solid black; padding: 2px; background-color: #999;">PLATINUM</div> </div>

## TT PLUS, TTMAX



	TT PLUS	TT MAX
Types of equipment	B-A	
Cylinder of the main lock	EVO	
Cylinder of the additional lock	WKE1	
Upper shield	unprotected	
Main shield	protected	
Handles „Blok“	unilateral	
End cap of door limiter (only TT Plus)	1 pcs	
Fittings colours	<div style="border: 1px solid black; padding: 2px; background-color: #ccc;">SILVER</div>	<div style="border: 1px solid black; padding: 2px; background-color: #999;">PLATINUM</div>

	TT PLUS	TT MAX
Types of equipment	MB-B	
Cylinder of the main lock	EVO	
Cylinder of the additional lock	EVO	
Upper shield	unprotected	
Main shield	protected	
Handles „Blok“	unilateral	
End cap of door limiter (only TT Plus)	1 pcs	
Fittings colours	<div style="border: 1px solid black; padding: 2px; background-color: #ccc;">SILVER</div>	<div style="border: 1px solid black; padding: 2px; background-color: #999;">PLATINUM</div>



# OPTIONAL FITTINGS

Fittings accessories are available in colours



	unprotected shield - set
	protected shield(class 2) - set
	handle + handle
	knob + handle
	cap + handle
	shield TD200 (class 2) - handle + handle
	shield TD200 (class 2) - knob + handle
	panoramic viewer 35/55
	panoramic viewer 50/80
	<p>electronic viewer 35-100 mm, diameter 14 mm</p> <ul style="list-style-type: none"> <li>• screen 4.3 "</li> <li>• saving the photos or video on an SD card (card not included)</li> <li>• two batteries and charger included</li> <li>• ringer function</li> </ul>
	closing slat
	electromagnetic latch -fitted in the frame – extra charge
	internal reinforcement of door leaf for door closer - extra charge
	door closer GEZE GT 1500 standard
	door closer GEZE GT 1500 blockade

# OPTIONAL FITTINGS


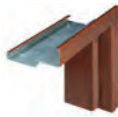



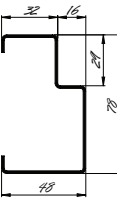
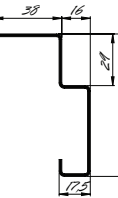
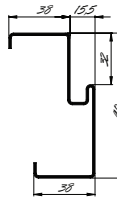
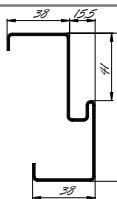
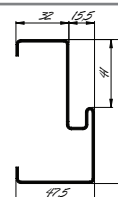
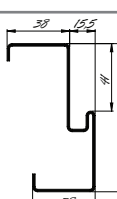
	end cap of door limiter (only PLUS TT, TT MAX)	
	door limiter (only PLUS TT, TT MAX)	
	decorative cap - set at 3 hinges color: silver, platinum, olive, gold	
 19 mm  19 mm  35 mm  35 mm	wooden thresholds (oak) metal thresholds	19mm i 35mm
	the door leaf brush seal	
	preparation to the maintenance of locks and cylinders	
	anchors (132x10) available in packs of 100 pieces	

Assembly foam, glues,  
silicones, acrylics by Gerda!



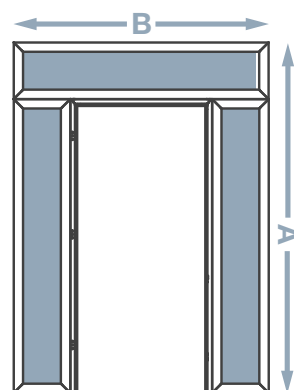
DOOR MODEL	Size of the EURO profile cylinder	Type of the EURO profile cylinder
TT	WKE1 3045	thumb turns
	WKE1 G4328/G2843	thumb turns
	EVO 3045	thumb turns
	EVO G4530/G3045	thumb turns
	EVO 3045 + G3045/G4530	thumb turns
TT PLUS	WKE1 3550	thumb turns
	WKE1 G3550/G5035	thumb turns
	EVO 3550	thumb turns
	EVO G3550/G5035	thumb turns
	EVO 3550 + G3550/G5035	thumb turns
TT MAX	WKE1 G3550/G5035	thumb turns
	EVO 3550 Z	insert rack and pinion
	EVO G3550/G5035	insert rack and pinion
	EVO 3550 Z + G3550/G5035	insert rack and pinion / thumb turns

# FRAMES

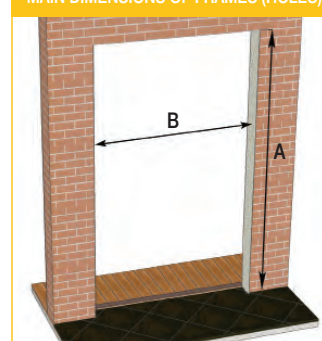
		PROFILES AND DRAWING FRAMES				
FRAMES TYPE		FB	FN	FAP (TT)	FAP	FAP-D
DOORS MODEL						
TT	80N 80 90E					
TT PLUS TT MAX	80 90E 100E					
TT PLUS TT MAX with fixed transom	90E					
TT PLUS DUO	90E+30 90E+40 90E+50					

## RECOMMENDED DIMENSIONS OF THE FRAME (HOLES) FOR DOOR MOUNTING

door size	hole size	
	A (mm)	B (mm)
80N	2090 (2070)*	880 (800)*
80	2090 (2070)*	905 (890)*
90E	2090	1010
100E	2090	1098
TT PLUS DUO		
90E+30	2090	1330
90E+40	2090	1430
90E+50	2090	1530
TT PLUS/TT MAX + TRANSOM		
90E+UPPER 30	2400	1030
90E+SIDE 30	2100	1330
90E+SIDE 50	2100	1530
SIDE 30+90E+SIDE 30	2100	1630
SIDE 50+90E+SIDE 50	2100	2030



## MAIN DIMENSIONS OF FRAMES (HOLES)



## FRAME USES IN MODELS DOOR S-STANDARD (IN THE DOOR PRICE) O-OPTIONAL (EXTRA CHARGE)

FRAME TYPE, DOOR TYPE	FB (TT)	FN (TT)	FAP (TT)	FAP (TT PLUS)	FAP-D (TT PLUS)
TT	S	S	O	-	-
TT PLUS	-	-	-	S	S
TT PLUS DUO	-	-	-	S	-
TT MAX	-	-	-	S	S



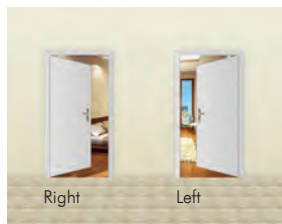
# FRAMES

## - ASSEMBLY INFORMATION

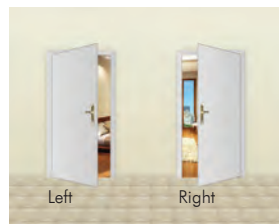
### IMPORTANT INFORMATION REQUIRED WHEN INSTALLING DOOR

Due to the design corner frame allows embedding door Gerda in place of the exchanged door without to forge hole (e.g. doors replacement of in old building). Corner frame is adapted for mounting „the anchors“.

Door opening direction



Door opening to the inside



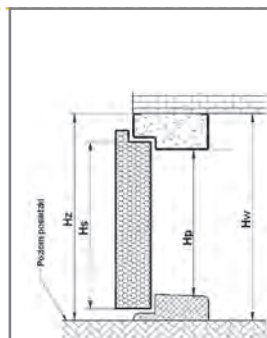
Door opening to the outside

**Attention!** Precise direction of door opening should be set with the seller during the order.

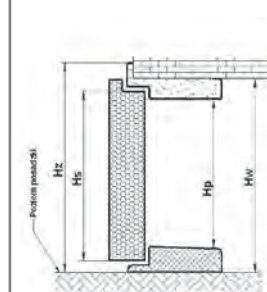
Skracanie skrzydeł modeli GRUPY TT podczas montażu możliwe jest we własnym zakresie do wysokości 70 mm za wyjątkiem wzorów: MILANO 1, MILANO 6, MILANO 7, HANOWER 2, BERGAMO 2

### MAIN DIMENSIONS OF DOOR LEAVES AND DOOR FRAMES - HEIGHT

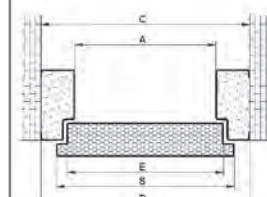
frame type	threshold	HZ	HS	HP	HW
FB (TT) rys. 1	without the threshold	2070	2025	-	2070
	wooden 35 mm	2082		2005	2082
	metal 32 mm	2077		1997	2077
	wooden/metal 19 mm	2070		2003	2070
FN (TT) rys. 2	without the threshold	2075	2025	-	2039
	wooden 35 mm	2085		1996	2049
	metal 32 mm	2080		1994	2044
	wooden/metal 19 mm	2075		2002	2039
FAP (TT), FAP rys. 1/ rys. 2	without the threshold	2075	2025	-	2060
	wooden 35 mm	2085		1996	2070
	metal 32 mm	2080		1994	2065
	wooden/metal 19 mm	2075		2002	2060
FAP DUO rys. 1/ rys. 2	metal 19 mm	2075	2025	2003	2060
FAP-D rys. 1	without the threshold	2070	2025	2003	2070
	metal 32 mm	2070		2003	2070
	wooden/metal 19 mm	2070		2003	2070
	transom H=30 mm without the threshold	2370		2003	2370
	transom H=30 mm metal 32mm	2370		2003	2370
	transom H=32 mm wooden/metal 19mm	2370		2003	2370



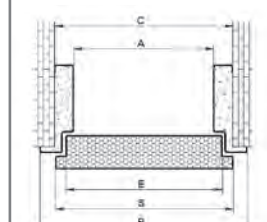
rys. 1



rys. 2



rys. 3



rys. 4

### MAIN DIMENSIONS OF DOOR LEAVES AND DOOR FRAMES - WIDTH

Size	door type	door leaf		passive leaf		FB (TT) rys. 3			FN (TT) rys. 4			FAP (TT)/FAP rys. 3/ rys. 4			FAP-D rys. 3		
		E	S	E	S	A	B	C	A	B	C	A	B	C	A	B	C
80N	TT	782	812	-	-	764	860	860	762	838	797	-	-	-	-	-	-
80	TT, TT PLUS, TT MAX	812	842	-	-	794	890	890	792	868	827	795	902	871	-	-	-
90E	TT, TT PLUS, TT MAX	925	955	-	-	907	1003	1003	905	981	940	908	1015	984	908	1000	1000
100E	TT PLUS, TT MAX	1025	1055	-	-	-	-	-	-	-	-	1008	1115	1084	-	-	-
90E + 30	TT PLUS DUO	-	-	291	320	-	-	-	-	-	-	1200	1307	1276	-	-	-
90E + 40	TT PLUS DUO	-	-	391	420	-	-	-	-	-	-	1300	1407	1376	-	-	-
90E + 50	TT PLUS DUO	-	-	491	520	-	-	-	-	-	-	1400	1507	1476	-	-	-
90E + 30	with additional passive leaf	-	-	-	-	-	-	-	-	-	-	-	-	-	908	1300	1300
90E + 50	with additional passive leaf	-	-	-	-	-	-	-	-	-	-	-	-	-	908	1500	1500
90E + 30 + 30	with additional passive leaf	-	-	-	-	-	-	-	-	-	-	-	-	-	908	1600	1600
90E + 30 + 50	with additional passive leaf	-	-	-	-	-	-	-	-	-	-	-	-	-	908	1800	1800
90E + 50 + 50	with additional passive leaf	-	-	-	-	-	-	-	-	-	-	-	-	-	908	2000	2000

The size listed on page 37 should be added mounting clearance.



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