

GARAGE DOORS



GERDA[®]



Garage doors prepared according to our customers' expectations

GERDA meets the customers' needs and offers three different series of garage doors: **TREND**, **PRESTIGE** and **PRESTIGE PLUS**.

We present products which fit wallet and expectations of our customers. A wide range of panels, colours and refined solutions and possibilities will allow you to choose the right product.

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1

GUARANTEED LONGEVITY OF SPRINGS AS STANDARD FOR EACH CUSTOMER

Already at the production stage we took care to select reliable and durable materials. Thanks to this solution, the guaranteed operating time of the springs in our garage doors is 25,000 cycles of lifting and lowering, which corresponds to 17 years of work!

2

GERDA ALWAYS FOCUSES ON SECURITY

Specially developed construction of GERDA garage doors protects against:

- fingers' pinching
- cuts
- falling down of the door curtain when the springs break

The garage doors comply with European requirements:

EN 12604, EN 12453, EN 12424, EN 12425, EN 12426.

3

RICH DESIGN AND CHOICE OF COLOURS

We offer a wide range of designs and colours as standard. We can choose from 5 types of panels and extended standard colour palette - up to 10 colours from the RAL palette.

4

QUIET AND TROUBLE-FREE OPERATION

Rollers with pressed bearings used in GERDA garage doors do not emit disruptive noise and allow you to work comfortably. The used ball bearings are secured by a special locking device which guarantees protection against dirt and moisture.

5

CONDITIONS OF USE

Three series of sectional garage doors GERDA TREND, PRESTIGE and PRESTIGE PLUS make it possible to adapt the product to the conditions in which it will be used.

6

CORROSION RESISTANCE CONFIRMED BY NUMEROUS TESTS

We want our products to work reliably in tough weather conditions. Our door curtain can withstand 750 hours in a salt chamber! This corresponds to a period of 15 years of work in coastal and polluted industrial areas. We achieved this through the thickness of zinc coating 16 µm and paint coating (PUR-PA) with a thickness of 23-35 µm.

7

EXTENSIVE CAPABILITIES AT A STANDARD PRICE

GERDA garage doors can be ordered in any width and height (in 5 mm steps). You don't have to pay extra for that. Option to match to the opening is available at a standard price.





ADVANTAGES OF GARAGE DOORS

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GERDA OPENER DRIVE – THE GUARANTEE OF QUIET AND RELIABLE OPERATION



Gerda Opener Drive enables the installation of batteries in the housing and thanks to this solution there is no need to use the key to the emergency unlocking and the device also works in the event of a power failure at home. The housing also contains control buttons for easier drive programming.

Advantages of Gerda Opener:

- Lighting installed in the housing made with LED technology
- Garage entrance lighting
- 5 pressure settings
- Infinitely variable speed control
- Memory for up to 50 remote controls
- Easy connection of photocells, additional receivers and a wired or wireless wall switch, warning lampj

The set consists of:

- Gerda Opener drive with 1000 N motor power
- Two 4 channel remote controls
- Wireless wall-mounted push button
- Rail 3,5 m with strap or chain in 3 sections
- Assembly instructions in Polish

Supply voltage	220-240V, 50-60 Hz
Motor power	1000 N
Max. garage door area	15 m ²
Max. garage door height	2700mm (for 3,5 m track)
Max. garage door weight	100 kg
Garage door moving mechanism	belt / chain
Drive speed	16 mm/second
L.E.D.	24V / 15 pcs. LEDs
Limit switches setting	electronic
Transformer	overload protection technology
Radio frequency	433.92 MHz
Encoding format	Code variable
Number of code memories	50 different codes

WELL THOUGHT OUT TREND, PRESTIGE I PRESTIGE PLUS PANELS CONSTRUCTION

Steel panels with polyurethane foam filling are excellent thermal comfort and savings on heating.

Thanks to many constructional solutions, the construction of the panels guarantees protection against pinching and cutting fingers.

Closed circuit of steel sheets provides high strength of panels. It protects them from moisture and excludes delamination.

Four metal layers at the installation site of self-tapping screws ensure optimum clamping strength.

Reliable connection of the steel sheets excludes panels deformation when the garage door is lowered abruptly.

The wear-resistant polyurethane coating guarantees high anti-corrosion properties of the garage door.

Adhesive lacquer ensures perfect cohesion of the steel sheets with foam on the inner surface of the panel. Flexible, high-quality and frost-resistant EPDM seals guarantee excellent thermal and acoustic insulation of the garage door.



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Garage doors

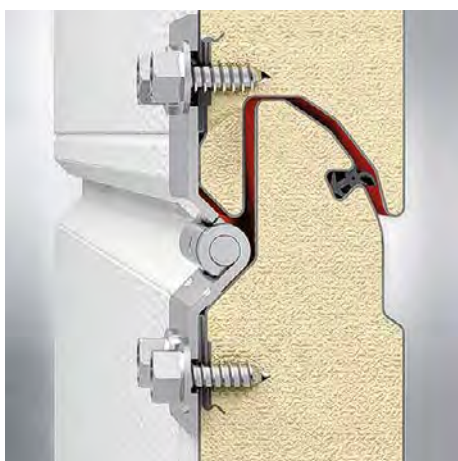
TREND

Robust and reliable garage doors construction of TREND series guarantees reliable operation for many years.

TREND garage doors series is characterized by functionality and affordable price. Panels with a thickness of 40 mm, with fittings made of galvanised steel are ideal for winter and high humidity conditions. The garage doors comply with European standards, in addition the complete security system is available at no extra charge. The standard set includes springs with a minimum number of cycles equal to 25000 (opening/closing).

Characteristics

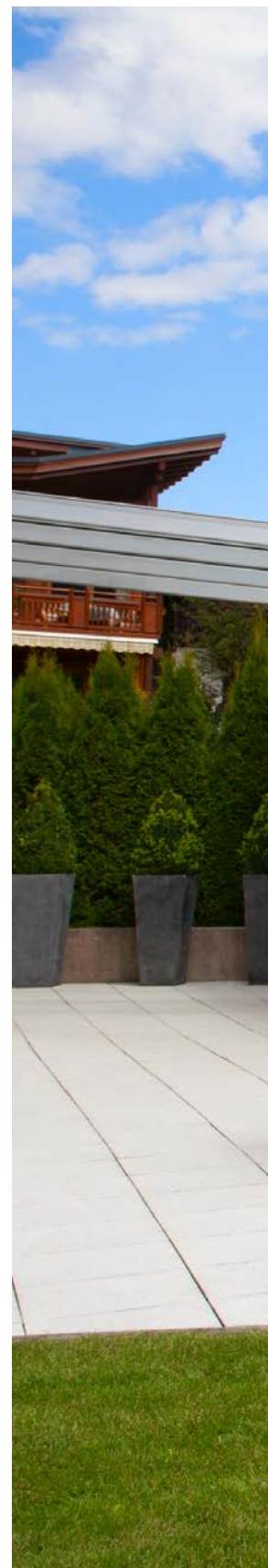
- panel thickness 40 mm
- thermal transmittance 1,35 W/(m²K)
- thermal insulation equal to a 60 cm thick brick wall
- roller supports and hinges made of galvanised steel
- possibility to order the garage door mounted in the opening
- two types of springs: tension and torsion (25 000 cycles = 17 years)
- maximum available garage door size: 6000 × 3000 mm (width × height)



40 mm

THICKNESS OF PANEL

TREND





TREND

ECONOMIC AND SAFE GARAGE DOORS

VERY GOOD THERMAL INSULATION



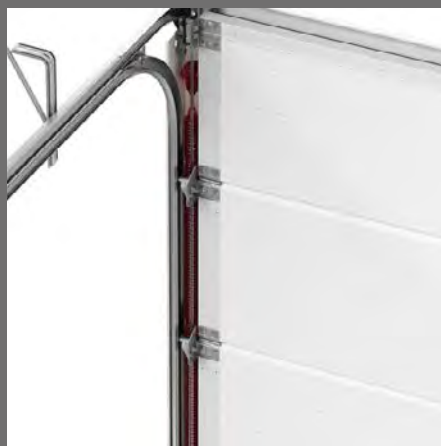
What distinguishes GERDA garage doors is the construction of 40 mm thick panels. In combination with a sealing system this results in very good thermal insulation properties. Thanks to such solutions, sectional garage doors can be successfully used in passive and energy-saving buildings.

CORROSION PROTECTION



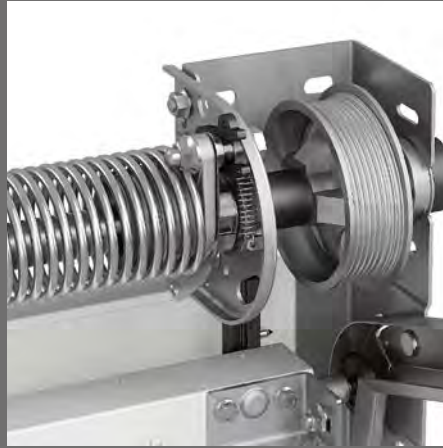
During heavy rainfall, water can accumulate at the base of the garage door. The plastic base of the frames provides protection and minimises the possibility of corrosion in high humidity conditions without losing its attractive appearance.

LONG LASTING LIFE



The springs are matched to the weight of the garage door, so that the door can be operated manually, even for large constructions. The minimum number of cycles is 25 000 opening and closing, ensuring 17 years of operating at 4 cycles per day.

EFFECTIVE PROTECTION



The tension springs are equipped with a ratchet clutch, which prevents the door curtain from falling inertly if the springs fail. This system is the basic equipment of the garage door. It is installed at no extra charge.

DRAUGHT PROTECTION



Adjustable roller supports allow the door curtain to be moved to the wall as far as possible. Such control systems provide the user with additional protection against draughts and high thermal comfort.

QUIET OPERATION



By using rollers with rolling bearings, the garage doors operate precisely and quietly. The construction of roller bearings is designed in such a way that the bearings are protected from the outside by a tight metal shield. This construction provides ideal protection against dust and moisture.

Garage doors

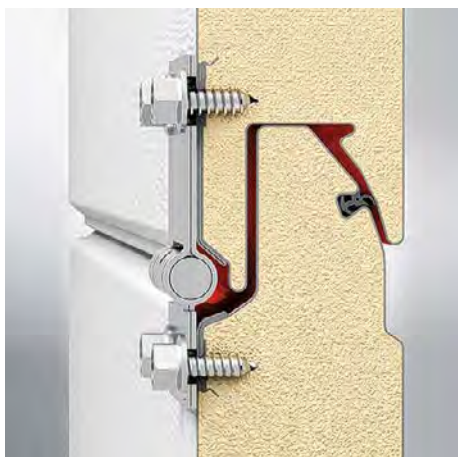
PRESTIGE / PRESTIGE PLUS

Thanks to excellent thermal insulation, increased durability and high corrosion resistance PRESTIGE series garage doors can operate even under the most severe conditions!

PRESTIGE / PRESTIGE PLUS garage doors are a robust series of garage doors. They provide a very good thermal insulation thanks to, among other things, a panel with a thickness of 45 mm. PRESTIGE series garage doors find their use very well in countries with cold winters. Roller supports and hinges are made of acid-resistant steel, thanks to which they have advanced anti-corrosive properties, which also allows the garage doors to function in areas with high air humidity. In addition, garage doors from the **PRESTIGE PLUS** series are equipped with a double roller system, which ensures quiet and trouble-free operation of the door curtain.

Characteristics

- panel thickness 45 mm
- thermal insulation 1.06 W/(m²K)
- thermal transmittance equals a 65 cm thick brick wall
- roller supports and hinges made of galvanised steel
- possibility to order the garage door mounted in the opening
- two types of springs: tension and torsion (25 000 cycles = 17 years)
- maximum available garage door size: 6000 × 3000 mm (width × height)



45 mm

THICKNESS OF PANEL

PRESTIGE





PRESTIGE

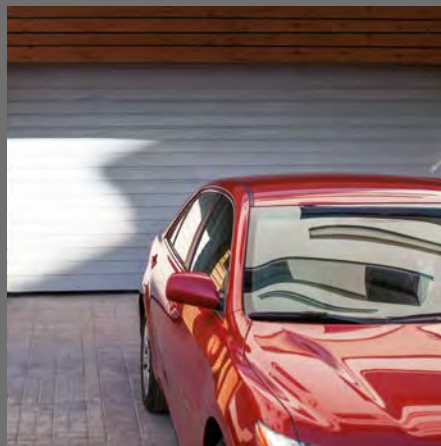
WARM AND SAFE GARAGE DOORS

EXCELLENT THERMAL INSULATION



The panels with thickness of 45 mm provide excellent protection against the cold. The thermal transmittance coefficient is $1.06 \text{ W}/(\text{m}^2\text{k})$, which is equivalent to thermal insulation of a 65cm thick brick wall. The insulation properties of the garage door have been confirmed by Rosenheim GmbH research institute in Germany.

RELIABLE SEALING



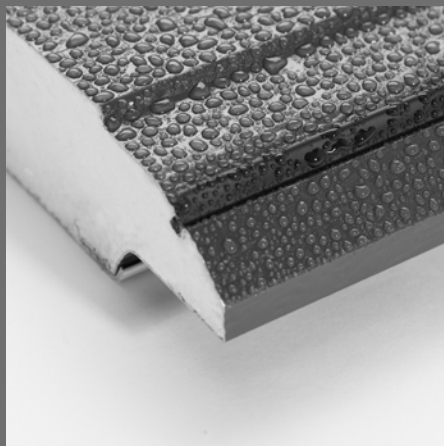
Additional flexible double seals around the edge of the garage door leaf protect the interior from rain, snow and heat loss. All thanks to the special construction of the roller supports, which makes it possible to adjust the door curtain to the opening.

ASSEMBLY FROM THE INSIDE



Assembly behind the opening is one of the installation options. Frames have no direct contact with external factors (humidity, precipitation). Cold air does not enter the room through the frames.

LONG LASTING PAINT COATING PROTECTION



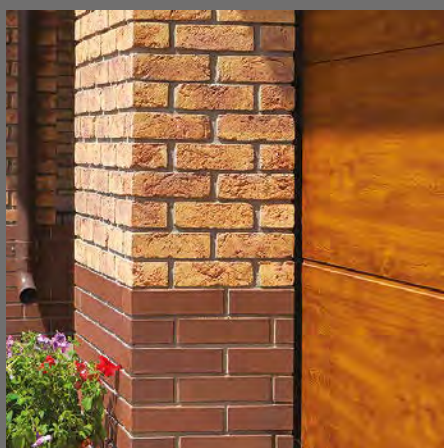
The multilayer panel and paint coating provides excellent anti-corrosive properties. GERDA garage door panels can withstand 750 hours of so-called "salt fog", which corresponds to 15 years of operation in high humidity conditions or in a contaminated industrial area.

ACCESSORIES MADE OF STAINLESS STEEL



The hinges and roller supports are made of stainless steel, which increases their anti-corrosion properties and guarantees reliability of the garage door operation in difficult conditions. Stainless steel accessories are standard equipment of PRESTIGE series garage doors. Moreover, in PRESTIGE PLUS garage doors double roller system has been used in order to provide smooth and quiet operation of the door curtain.

HIGH WIND RESISTANCE



The thickness of the garage door panels is a key factor in ensuring durability and resistance to wind gusts. GERDA garage doors meet class 4 of resistance in this area, which is equivalent to the pressure on the door curtain of a 120-mph wind.



PANEL S



PANEL M



PANEL L



COFFER



MICROPRESSING

SMOOTH	WOODGRAIN	SMOOTH	WOODGRAIN	SMOOTH	WOODGRAIN	WOODGRAIN	WOODGRAIN
	●		●		●	●	●
	●						●
	●				●		●
	●		●		●		●
	●						●
	●						●
	●						●
	●						●
	●	●	●	●	●	●	●
	●		●		●		●
●			●		●		●
●			●		●	●	
●			●		●	●	

Garage doors colours

TREND AND PRESTIGE

5

PANEL VERSIONS

2

SURFACE
STRUCTURES

Internal surface of the woodgrain panel. Standard colour RAL 9002 on the inside. It is possible to make an internal Garage door part in any other RAL colour.

10

STANDARD
COLOURS

MORE RAL COLOURS
AVAILABLE ON REQUEST
AT EXTRA CHARGE

3

WOODGRAIN
COLOURS

BROWN (RAL 8014)

CHOCOLATE BROWN (RAL 8017)

ANTHRACITE (ADS 703)

DARK ANTHRACITE (RAL 7016)

DARK GREEN (RAL 6005)

GENTIAN BLUE (RAL 5010)

PURPLE (RAL 3004)

SILVER (RAL 9006)

WHITE (RAL 9016)

CREAM (RAL 1015)

MAHOGANY (PMM)

NUT (PRP)

GOLDEN OAK (PDE)

Garage doors colours

TREND AND PRESTIGE

GERDA DECOR 1



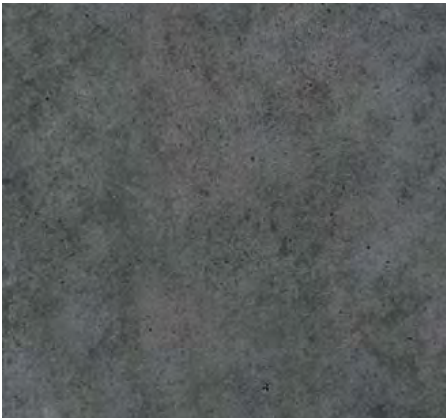
**WINCHESTER CLASSIC
D1WC**



**DESERT OAK
D1DP**



**ANTEAK
D1AN**



**DARK CONCRETE
D1CB**



**GREY CONCRETE
D1SB**

GERDA DECOR 2



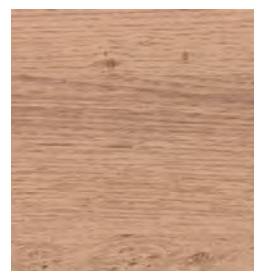
**WHITE OAK
D2BD**



**MOUNTAIN PINE
D2SG**



**OREGON
D2OR**



**IRISH OAK
D2DI**



**COPPER
D22M**



**LIGHT WINCHESTER
D2JW**



**LIGHT OAK
D2JD2**



**RUSTIC CHERRY
D2WR**



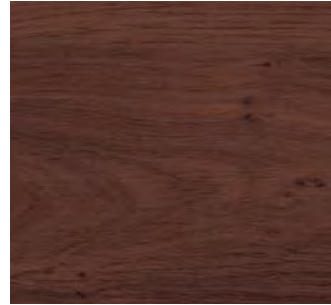
**WALNUT
D2OW**



**SWAMP OAK
D2DB**



**RUSTIC OAK
D2DR**



**DARK WINCHESTER
D2CW**



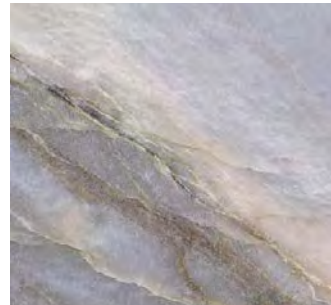
**BRESCCIA DAMASCATA
D22A**



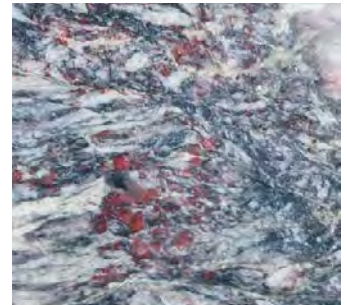
**DIANO REALE
D22B**



**EMPERADOR LIGHT
D22C**



**PLATINO DARK
D22D**



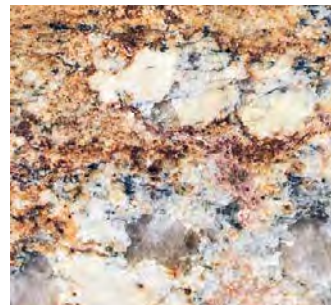
**CELEBIRTY
D22E**



**MAROON MARINACE
D22F**



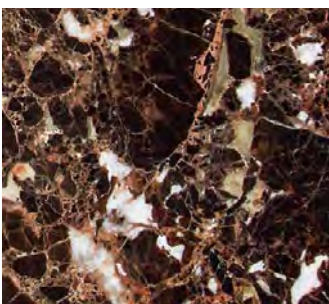
**DELICATUS GOLD
D22G**



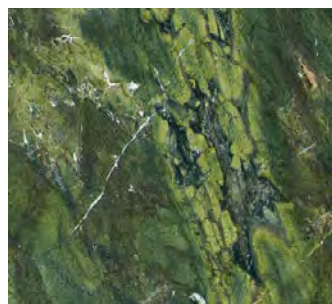
**SAGITARIO GRANITE
D22H**



**JUPARANA BORDEAUX
D22I**



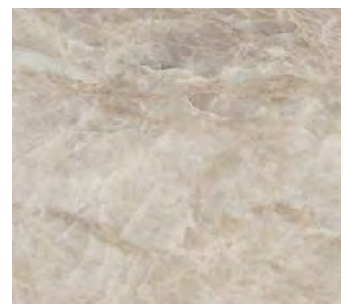
**EMPERADOR DARK
D22J**



**VERDE FANTASTICO
D22K**



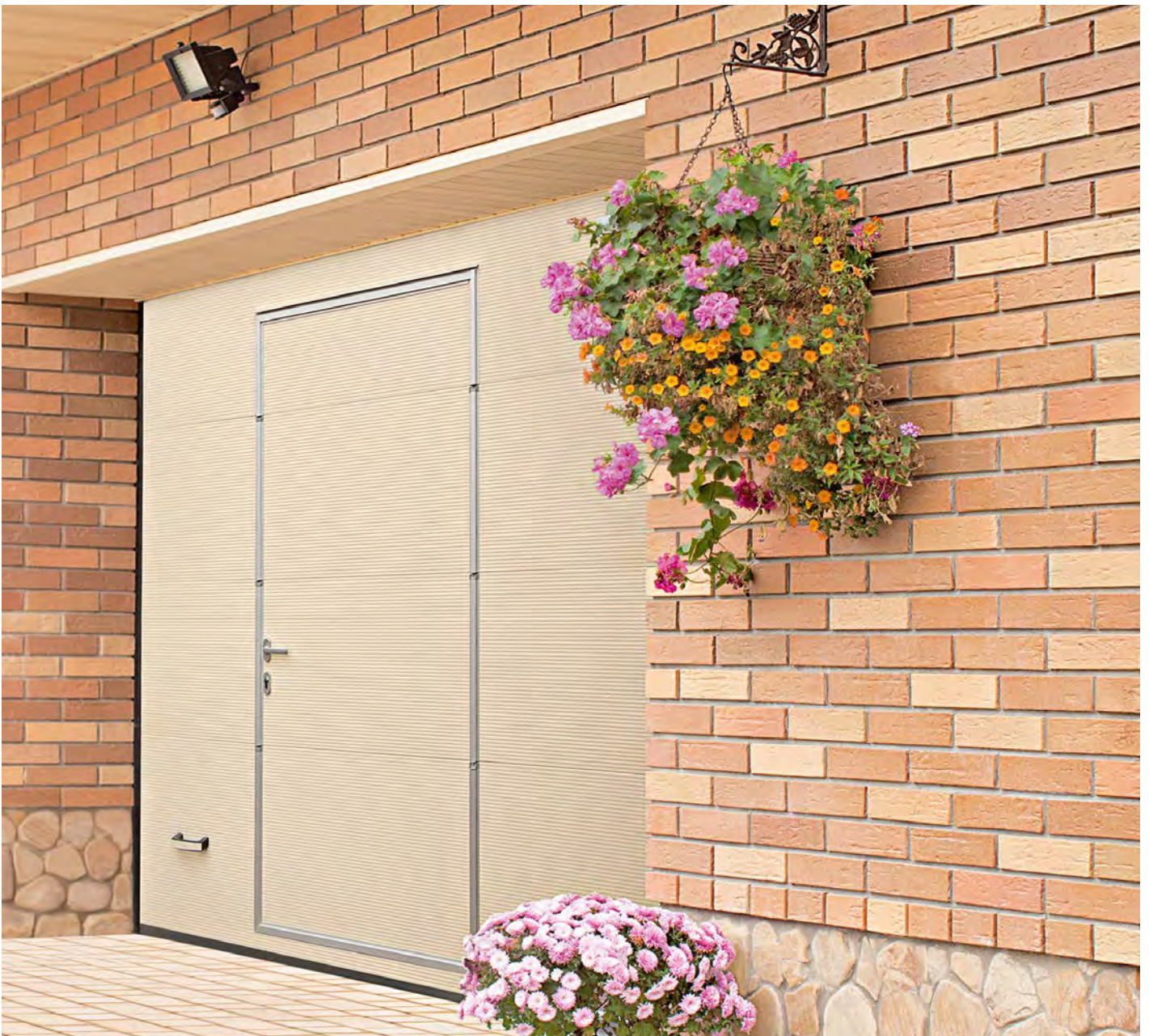
**BIDASAR BROWN
D22L**



**NATURAL MARBLE
D22L**

PASS DOOR

Pass door in the garage door is a practical solution that allows you to enter the garage without opening the garage door. This ensures comfortable use and extends the life of the garage door. Pass doors are available in the **TREND** and **PRESTIGE** line for MICROWAVE panels and in S, M, and L sizes. They have a built-in sensor detecting the position of the door and protection against opening the door while the garage door is in operation, as well as metal handles and rain protection.





Flat doorstep

- **TREND** (18 mm)
- **PRESTIGE** (20 mm)

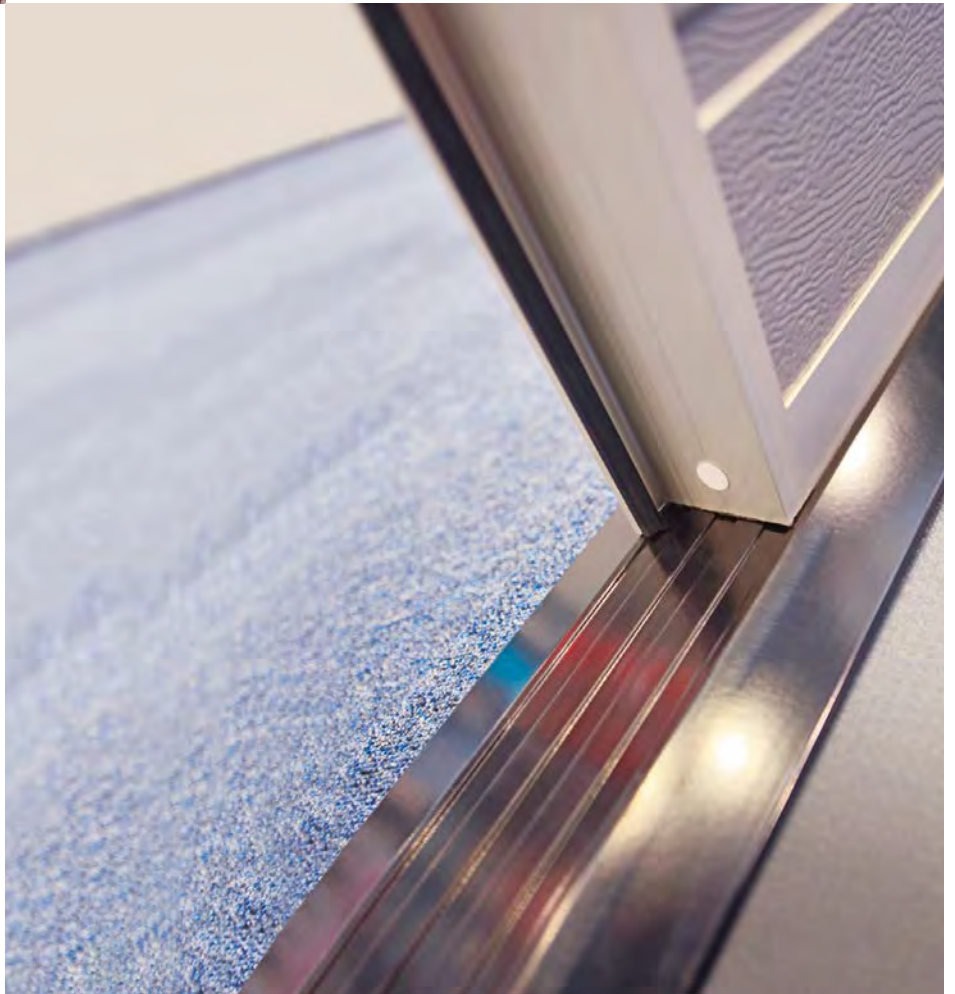
The shape of the doorstep ensures comfortable use. Strollers and bicycles can easily pass through. The maximum dimensions of the garage door with wicket are 5000 × 3000 mm.

Standard doorstep 145 mm

Available for garage doors with sizes greater than 4500 × 3000 mm. Doors with a standard doorstep have a reinforced construction. The maximum garage door dimensions with pass door are 6000 × 3000 mm.

Low doorstep 100 mm

For garage doors with sizes smaller than 4500 × 3000 mm. Doors with a low doorstep comply with fire safety requirements. They can be mounted in areas designated for emergency exit.



Door profile colours

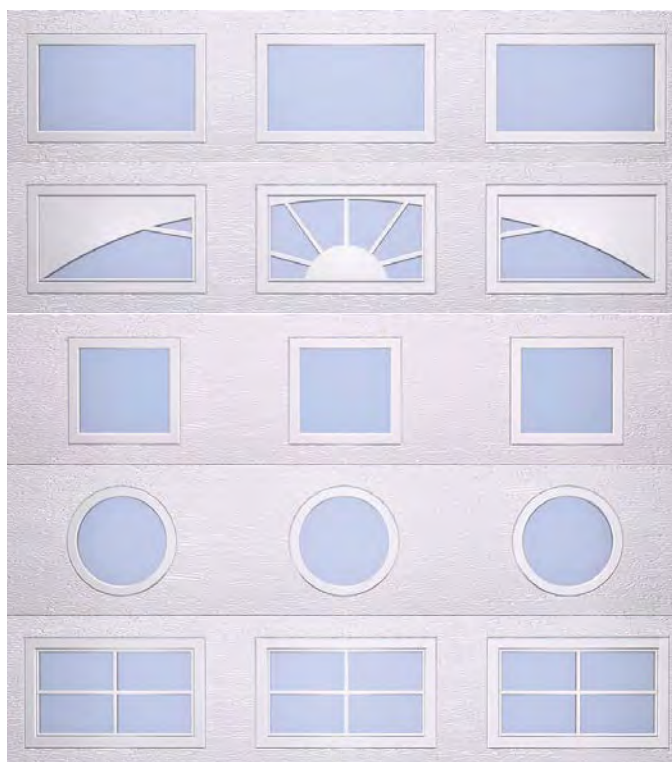
SILVER (A00-D6)

SILVER-BROWN (RAL 8019)

ACCESSORIES

FOR YOUR CONVENIENCE

Garage doors glazing provides natural lighting and saves energy. The windows have decorative elements which emphasize their original appearance. They can be installed in **PRESTIGE** and **TREND** series garage doors for all panel types. The frame and decorations like windowpane dividers or sunrise are made of artificial material. The windows are available in white or brown. It is possible to paint the window and decorative elements in another RAL colour.



External unlocking of the drive

For garage doors with drive without an additional garage entrance, an additional unlocking from the outside is recommended. The key kit allows you to disconnect the drive when there is no power inside the facility and makes it easy to get inside the garage.

Lock

For a garage without an additional entrance, a lock is needed to open and close the garage door from the outside and from the inside.



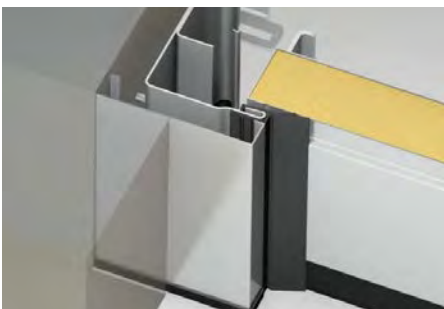
ADJUSTMENT

ASSEMBLY IN OPENING

The special option "assembly in the opening" is offered for the assembly of sectional garage doors in non-standard openings of the "tunnel" type, as well as openings without a lintel or jambs. Assembly in the opening is often used when replacing old swing garage doors with sectional garage doors. The additional work involved in reconstructing the lateral surfaces of the opening is then not necessary. Assembly in the opening is used in **TREND** and **PRESTIGE** garage doors with tension springs or with torsion springs for low assembly.

Kit for assembly in opening:

- a set of side and top decorative grilles
- a set of brackets for fixing the slide system to the wall



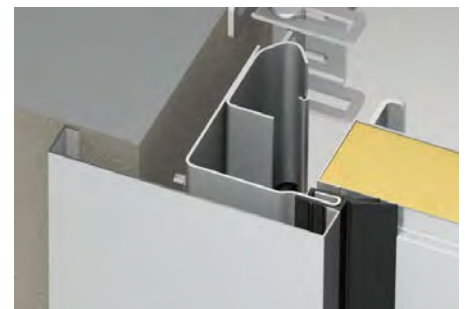
Assembly behind the opening

In case you want to cover the part of the frame visible from the outside with a grille.



Assembly in the opening

When you want to cover the door frame with a grille and flush the garage door surface with the outside wall.



Assembly in front of the opening

When you want to cover the frame and part of the outer wall with a grille.

STANDARD GRILLES COLOURS:

It is possible to produce grille elements in the colour of the door curtain..

WHITE (RAL 9016)

BROWN (RAL 8014)

CHOCOLATE BROWN (RAL 8017)

ANTHRACITE (ADS 703)

AUTOMATIC

GARAGE DOORS PROVIDE COMFORT

We have a large selection of accessories for easy control and safe use of automatic garage doors GERDA **TREND** and **PRESTIGE**. As an optional equipment there is an electric drive (power 1000 N – GERDA OPENER) with a 3.5 m rail equipped with a clinker belt or chain. The drive is controlled by a four-channel remote control. As an option, the drive can be equipped with a battery that allows the garage door to be operated in the absence of voltage in the installation (battery hidden in the drive housing) and surface-mounted photocells which protect objects within the operating range of the garage door.



ENERGY EFFICIENCY

OF GARAGE DOORS

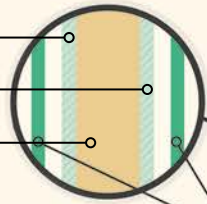
Thicker panel and special construction of sectional garage doors provide excellent thermal transmittance of the room of $1.06 \text{ W}/(\text{m}^2\text{K})$, which is comparable to a 65 cm thick brick wall.



7 MAIN ADVANTAGES OF

1. Thermal insulation

- Panel outer side covered with metal sheet
- Inside of panel covered with metal sheet
- Polyurethane foam filling



GERDA garage doors offer consists of two different panel thicknesses:



TREND garage doors



correspond to a wall with thickness of 550 mm



PRESTIGE garage doors



correspond to a wall with thickness of 600 mm

Heat transfer coefficient

PRESTIGE garage doors **U=1.06 W/(m²K)**

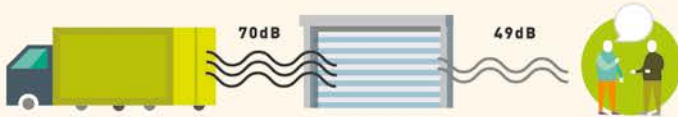
Based on tests carried out at the Rosenheim research institute

TREND garage doors **U=1.35 W/(m²K)**

Based on tests carried out at the Rosenheim research institute



2. Sound insulation



3. Reliable lacquer coverage

Corrosion resistant



The lacquer layer in GERDA panels is 16 microns thick, another layer is polyurethane (25-35 microns), additionally on the external side of the segment an admixture of polymad particles (PUR-PA) has been used, which protects the panels from scratches, mechanical damage and moisture.

Tests have proven that GERDA garage doors accessories and panels operate reliably for a minimum of 15 years in the areas of coastal areas as well as polluted industrial areas.

4. Comfort

Endurance

25 000

cycles (open/close)

Automation



equivalent to

17 years

of operation at 4 cycles per day (open/close)



Open close garage door up to 15 seconds

GARAGE DOORS GERDA



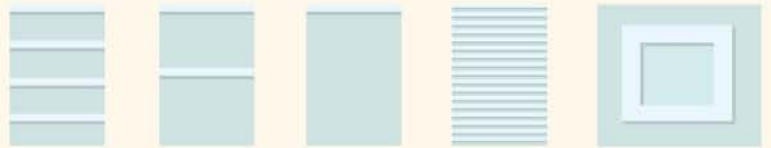
5. Resistance to wind load

The garage doors can withstand a wind pressure of 120 km/h



6. Wide range of designs

Diverse panel designs



S-panel

M-panel

L-panel

Microwave

Coffe

10 standard colours at no extra charge



10 standard colours at no extra charge on special request the garage doors can be painted in any colour from RAL palette (232 colours)



Woodgrain colours



light nut

golden oak

mahogany

Vertical garage doors opening



Saves space inside the garage

7. Security

Comply with European standards EN12604 and EN12453

Drop protection

Medium size garage door of **PRESTIGE** series with 7 m² surface area weighs approximately 100 kilograms. The door curtain is balanced by springs that hold the garage door's weight and are additionally equipped with a mechanism that prevents door curtain from dropping in case of spring breakage.



The garage door stops when it detects an obstacle



Protection against fingers pinching

GERDA®

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