

**GERDA<sup>®</sup>**



**ALUMINUM EXTERIOR DOORS**

**ALTUS**



tedee PRO powered by **GERDA**<sup>®</sup>

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**GERDA**<sup>®</sup> Over 35 years of experience

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# tedee PRO

powered by GERDA®

TURN YOUR SMARTPHONE INTO A SMART DOOR LOCK



## OPEN DOORS WITH YOUR SMARTPHONE

Open and close doors and monitor door lock status from any place around the world. With the automatic opening feature, you don't need to take your phone out from your purse or pocket. The lock will detect your presence and let you in. The self-locking feature works based on the same principle.

### SET

tedee PRO SMARTLOCK + tedee BRIDGE + CLASS 6 LOCK CYLINDER

## HIGH-PERFORMANCE BATTERY

Gerda engineers, in collaboration with the South Korean Research Institute, have developed a small dedicated high-performance battery. It powers the mechanism for six months of operation. And when in need of recharging, the lock will let you know as you can charge the battery overnight.

## SAFETY WARRANTY

The lock actuating mechanism is an innovative, patented design developed by Gerda engineers. The software was created by Tedee IoT experts. An intuitive app lets you keep track of who and when has locked or unlocked the door. It also offers a virtual key allocation feature.



## CLASS 6 LOCK CYLINDERS INCLUDED

- ANTI-BURGLARY TUMBLER LOCK INSERT. NEW LOCK INSERT DESIGN SECURED AGAINST 'LOCK BUMPING', WITH EFFECTIVE DRILL OPENING PROTECTION.



## INSTALL A TEDEE LOCK

- SLIDE THE LOCK ONTO A GERDA INSERT, ADJUST THE LOCK POSITION AND SECURE IT WITH ONE BOLT. INSTALLATION TAKES NO MORE THAN TWO MINUTES. INSPECT TO SEE WHETHER THE BOLTS SLIDE UPON TURNING THE KNOB.



## INSTALL THE SMARTPHONE APP

- DOWNLOAD THE **tedee** APP FROM APPLE STORE OR GOOGLE PLAY. SIGN UP AND ACTIVATE YOUR BLUE-TOOTH, LOCATION SERVICE AND INTERNET ACCESS. ADD YOUR LOCK AND ENTER THE ACTIVATION CODE.



## CONNECT THE BRIDGE

- FIND A FREE POWER SOCKET NEXT TO THE **tedee** LOCK AND PLUG THE BRIDGE IN. THIS WILL ENABLE YOU TO CONTROL THE LOCK OVER THE INTERNET FROM WHEREVER YOU ARE.



## Apartment and house entry doors

Our solutions for frames and door leaves are perfect for even the most demanding facilities. Our panel and metal doors can boast above-average robustness, functionality (e.g. the possibility of easy disassembly and replacement of the door panel) and freedom of arrangement.



## Locks, cylinders and fittings

Safety first. High burglary resistance is achieved thanks to internal castings or heat-treated steel plates. The hardened cylinder cover protects against thrusting from hinges and prevents drilling through.

The general key system MASTER KEY is a solution dedicated to utility objects. Using one key you can open a specific number of locks. This makes communication inside the facility simple and fast, and managing access to zones and rooms is extremely comfortable.



### Garage Doors

All garage doors available in our offer are in line with European standards. GERDA gates are equipped with a complete security system, without any additional charge.

Trend series gates are an economical, but robust and functional solution, perfect for development facilities.

Classic line doors guarantee exceptional thermal insulation, among others thanks to the use of insulated 45-mm thick panels. They will be perfect for buildings with high energy efficiency requirements.



### Aluminum joinery

GERDA also deals with aluminum joinery. We provide partition walls, doors, windows, showcases and spatial internal and external installations, also in fire and smoke-proof versions and with increased burglary resistance.

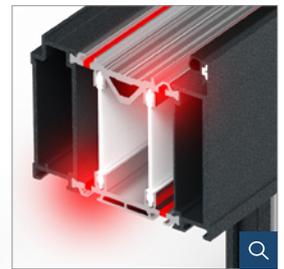
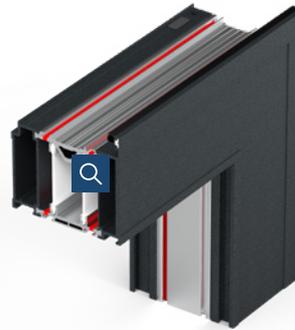
# Why choose GERDA Aluminum Doors?

GERDA ALTUS anti-burglary aluminum door has been designed to achieve the best possible thermal insulation parameters. Made of a three-chamber aluminum system with a thickness of almost 9 cm, they meet the strict requirements set for modern passive construction.

As standard, ALTUS doors are fit with a spacer made in the patented anti-bimetal technology, specially designed insulators significantly enhance the thermal insulation parameters and have a considerable impact on reducing energy consumption. Thermal compensation is the perfect solution to the deformation occurring in doors exposed to intense insolation. This technology is perfect for decorative fillings. In addition, the unique mounting of door hardware in the insulator ensures original design and unique aesthetic impressions. The structure of GERDA ALTUS aluminum doors allows for obtaining a uniform surface both from the inside and outside.

ALTUS doors are equipped with 5-point slat locks, guaranteeing sealing around the entire perimeter of the leaf, while ensuring safety of the household members. The stainless-steel face plate of the lock is what characterizes the premium product. For customers looking for an individual entrance, the offer of GERDA ALTUS doors has been enriched with the possibility of making a door leaf with a set of sidelights and upper skylight made of aluminum profiles ensuring excellent thermal insulation parameters.

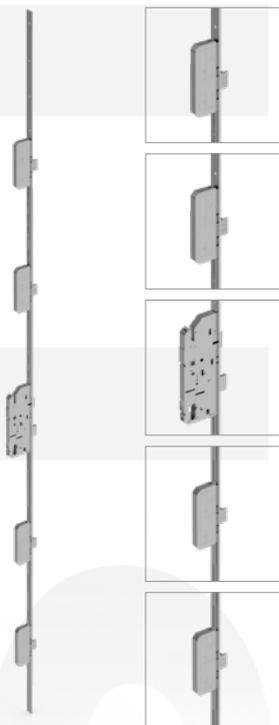
ALTUS - provides exceptional thermal insulation, high stiffness, safety and comfort of use for years.



Thermal compensation

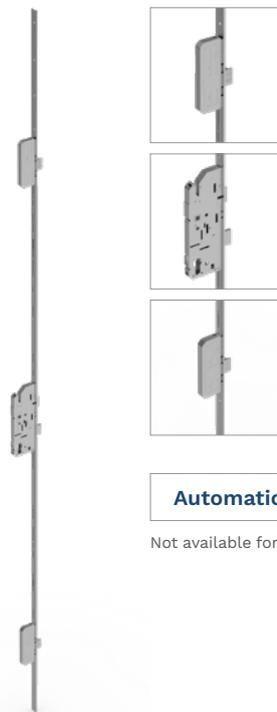
## Types of door locks

The FUHR multipoint lock system with five locking points guarantees tightness around the entire perimeter of the leaf. A massive hook pin provides a top level of security and sash reinforcement. The lock is installed along the entire height of the door.



5-point hooked lock

FUHR automatic flat lock with three locking points ensures accurate closing. The robust mechanism guarantees over 200,000 cycles. Durable locking hooks and the main bolt ensure a top level of safety.



Automatic locking

Not available for RC3.

3-point automatic lock

As a standard.

**Solid door**

$U_D = 0.74 \text{ W/m}^2\text{K}$

**Glazed door**

$U_D = 0.81 \text{ W/m}^2\text{K}$

**RC2 / RC3 CLASS**

**Class RC3 as an option**



**Overlay hinges**

Overlay hinges in the color of the door leaf.



**Roller hinges\***

Roller hinges in the color of the door leaf.



**Integrated hinges\***



**Door thickness**



**Door frame**

Aluminum multi-chamber door frame with built-in compensators..

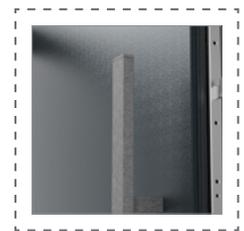


**Frame thickness**



**Pawl hitch**

Adjustable pawl hitch.



**Handrail\***

Stainless-steel handrail mounted on the external side of the door.



**Threshold**

An insulated aluminum threshold with a thermal separator.



**Handle K1**

Stainless steel handles with split escutcheon.



**Fixed bolts**

Fixed anti-prizing bolts.



**Mortise lock**

5 point hooked or 3 point automatic.



**Ring escutcheon\***

Ring escutcheon ensuring protection of the cylinders against forcing.



**Handle K2\***

Aluminum handles with long escutcheon.

\* EXTRA CHARGE



# ALTUS Door Collection



FLUSH DECOR

**FE3**

• RAL 1015

GLAZED FLUSH DECOR

**GC3**

• Anthracite, Dark Sapphire

FLAT

**FA1**

• RAL 7016



GLAZED FLUSH DECOR

**GF2**

• RAL 7021

MILLED WITH INSERT

**FB4**

• RAL 1015

MILLED WITH INSERT

**FB5**

• RAL 9016

Extra charges

tedee set

Class 6 cylinder

Handrail 1500 mm

Handrail 1500 mm with pushbutton

RC3 package

Roller hinges

Integrated hinges (only RC2)

K2 handle (RC2)

Integrated closer

Electric strike

Two-color doors

Double-sided design



FLAT

**FA1**



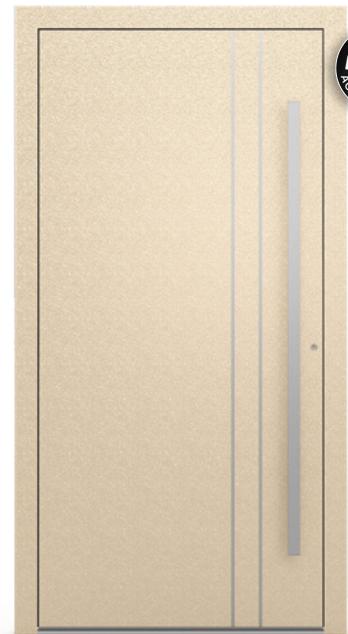
MILLED

**FB1**



MILLED

**FB2**



MILLED WITH INOX OR BLACK INSERT

**FB4** **FB4B**



Standard colours



Any other RAL colour extra charge



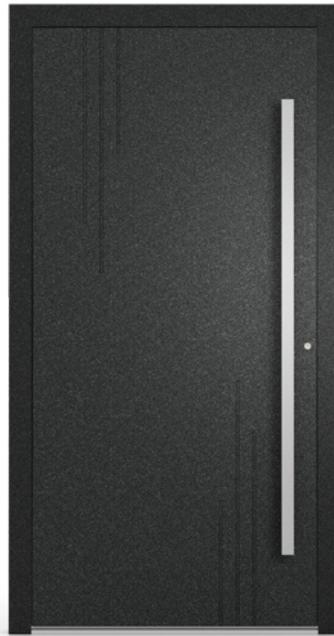
Standard set includes (single-sided design): door leaf size 90E or 90N, door frame, overlay hinges matching the door leaf colour, threshold, handle, class 5 lock cylinder.



MILLED WITH INOX OR BLACK INSERT

FB5

FB5B



MILLED

FC1



MILLED

FD1



FLUSH DECOR

FE1

Extra charges

tedee set

Class 6 cylinder

Handrail 1500 mm

Handrail 1500 mm with pushbutton

RC3 package

Roller hinges

Integrated hinges (only RC2)

K2 handle (RC2)

Integrated closer

Electric strike

Two-color doors

Double-sided design

Custom door size

Standard colours

Fine texture

RAL 7016

RAL 9016

RAL 7021

Ivory Sapphire

Fine texture metallic

Light Anthracite Sapphire

Dark Anthracite Sapphire

Any other RAL colour extra charge



Extra charges

tedee set

Class 6 cylinder

Handrail 1500 mm

Handrail 1500 mm with pushbutton

RC3 package

Roller hinges

Integrated hinges (only RC2)

K2 handle (RC2)

Integrated closer

Electric strike

Two-color doors

Double-sided design



FLUSH DECOR

**FE2**



FLUSH DECOR

**FE3**



GLAZED

**GA1**



GLAZED

**GA2**

Standard colours



Any other RAL colour extra charge



Standard set includes (single-sided design): door leaf size 90E or 90N, door frame, overlay hinges matching the door leaf colour, threshold, handle, class 5 lock cylinder.



GLAZED

GA 3



GLAZED WITH INOX OR BLACK APPLICATION

GB 1

GB 1B



GLAZED WITH INOX OR BLACK APPLICATION

GB 2

GB 2B



GLAZED WITH INOX OR BLACK APPLICATION

GB 3

GB 3B

Extra charges

tedee set

Class 6 cylinder

Handrail 1500 mm

Handrail 1500 mm with pushbutton

RC3 package

Roller hinges

Integrated hinges (only RC2)

K2 handle (RC2)

Integrated closer

Electric strike

Two-color doors

Double-sided design

Custom door size

Standard colours

Fine texture

Fine texture metallic

RAL 7016

RAL 9016

RAL 7021

Ivory Sapphire

Light Anthracite Sapphire

Dark Anthracite Sapphire

Any other RAL colour extra charge



Extra charges

tedee set

Class 6 cylinder

Handrail 1500 mm

Handrail 1500 mm with pushbutton

RC3 package

Roller hinges

Integrated hinges (only RC2)

K2 handle (RC2)

Integrated closer

Electric strike

Two-color doors

Double-sided design



GLAZED FLUSH INOX OR BLACK DECOR

GC1



GLAZED FLUSH INOX OR BLACK DECOR

GC2



GLAZED FLUSH INOX OR BLACK DECOR

GC3



GLAZED MILLED

GD1

Standard colours



Any other RAL colour extra charge



Standard set includes (single-sided design): door leaf size 90E or 90N, door frame, overlay hinges matching the door leaf colour, threshold, handle, class 5 lock cylinder.



GLAZED MILLED

GD 2



GLAZED MILLED

GD 3



GLAZED MILLED WITH INOX OR BLACK INSERT

GD 4

GD 4 B



GLAZED MILLED WITH INOX OR BLACK INSERT

GD 5

GD 5 B

Extra charges

tedee set

Class 6 cylinder

Handrail 1500 mm

Handrail 1500 mm with pushbutton

RC3 package

Roller hinges

Integrated hinges (only RC2)

K2 handle (RC2)

Integrated closer

Electric strike

Two-color doors

Double-sided design

Custom door size

Standard colours

Fine texture

RAL 7016

RAL 9016

RAL 7021

Ivory Sapphire

Fine texture metallic

Light Anthracite Sapphire

Dark Anthracite Sapphire

Any other RAL colour extra charge



Extra charges

tedee set

Class 6 cylinder

Handrail 1500 mm

Handrail 1500 mm with pushbutton

RC3 package

Roller hinges

Integrated hinges (only RC2)

K2 handle (RC2)

Integrated closer

Electric strike

Two-color doors

Double-sided design



GLAZED MILLED WITH INOX OR BLACK INSERT

GD 6    GD 6 B



GLAZED MILLED

GE 1



GLAZED MILLED

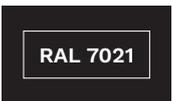
GE 2



GLAZED MILLED

GE 3

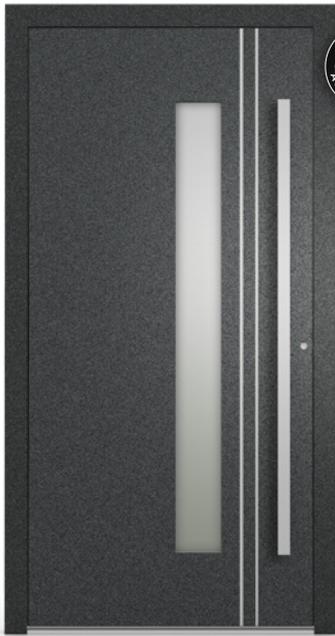
Standard colours



Any other RAL colour extra charge



Standard set includes (single-sided design): door leaf size 90E or 90N, door frame, overlay hinges matching the door leaf colour, threshold, handle, class 5 lock cylinder.



GLAZED MILLED WITH INOX OR BLACK INSERT

GE4 GE4B



GLAZED MILLED WITH INOX OR BLACK INSERT

GE5 GE5B



GLAZED MILLED WITH INOX OR BLACK INSERT

GE6 GE6B



GLAZED FLUSH DECOR

GF1

Extra charges

- tedee set
- Class 6 cylinder
- Handrail 1500 mm
- Handrail 1500 mm with pushbutton
- RC3 package
- Roller hinges
- Integrated hinges (only RC2)
- K2 handle (RC2)
- Integrated closer
- Electric strike
- Two-color doors
- Double-sided design
- Custom door size

Standard colours

Fine texture

Fine texture metallic

RAL 7016

RAL 9016

RAL 7021

Ivory Sapphire

Light Anthracite Sapphire

Dark Anthracite Sapphire

Any other RAL colour extra charge



Extra charges

tedee set

Class 6 cylinder

Handrail 1500 mm

Handrail 1500 mm with pushbutton

RC3 package

Roller hinges

Integrated hinges (only RC2)

K2 handle (RC2)

Integrated closer

Electric strike

Two-color doors

Double-sided design



GLAZED FLUSH DECOR

GF2



GLAZED FLUSH DECOR

GF3



GLAZED MILLED

GH1

Standard colours



Any other RAL colour extra charge

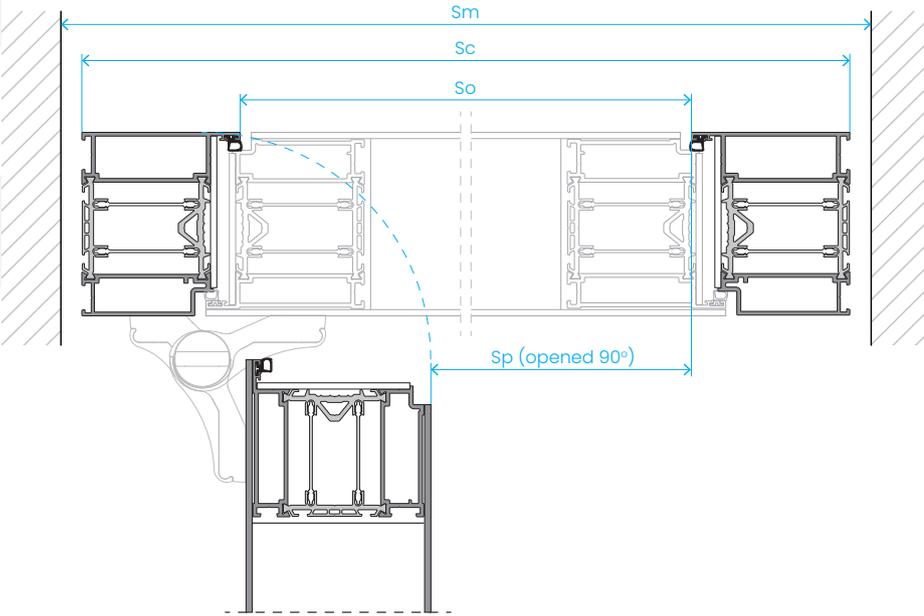


Standard set includes (single-sided design): door leaf size 90E or 90N, door frame, overlay hinges matching the door leaf colour, threshold, handle, class 5 lock cylinder.

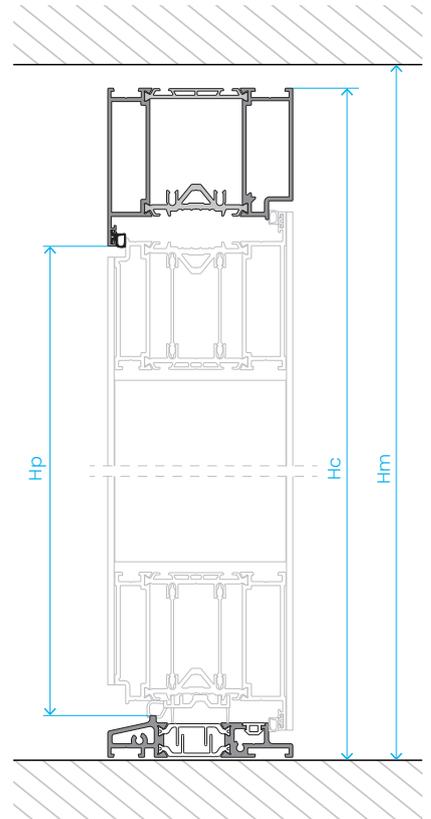


# Dimensions of door frames

Horizontal cross-section



Vertical cross-section



$H_p$  – height of passage  
 $S_p$  – width of passage with door opened 90°  
 $H_c$  – total height of door frame  
 $S_c$  – total width of door frame  
 $H_m$  – recommended height of mounting hole from the "0" level  
 $S_m$  – recommended width of mounting hole  
 $S_o$  – width of passage of the door frame

## Doors with overlay hinges

Size	$H_p$	$S_p$	$S_o$	$H_c$	$S_c$	$H_m^*$	$S_m^{**}$
90N	2004 mm	726 mm	818 mm	2100 mm	970 mm	2110 mm	990 mm
90E	2004 mm	906 mm	998 mm	2100 mm	1150 mm	2110 mm	1170 mm

## Doors with roller hinges

Size	$H_p$	$S_p$	$S_o$	$H_c$	$S_c$	$H_m^*$	$S_m^{**}$
90N	2004 mm	738 mm	818 mm	2100 mm	970 mm	2110 mm	990 mm
90E	2004 mm	918 mm	998 mm	2100 mm	1150 mm	2110 mm	1170 mm

## Doors with integrated hinges

Size	$H_p$	$S_p$	$S_o$	$H_c$	$S_c$	$H_m^*$	$S_m^{**}$
90N	2004 mm	784 mm	818 mm	2100 mm	970 mm	2110 mm	990 mm
90E	2004 mm	964 mm	998 mm	2100 mm	1150 mm	2110 mm	1170 mm

## Non-standard door size – pitch of 5 mm (with overlay hinges)

Size	$H_p$	$S_p$	$S_o$	$H_c$	$S_c$	$H_m^*$	$S_m^{**}$
min.	1904 mm	726 mm	818 mm	2000 mm	970 mm	2010 mm	990 mm
max.	2304 mm	1006 mm	1098 mm	2400 mm	1250 mm	2410 mm	1270 mm

$*$  includes a clearance of 10 mm in height  
 $**$  includes a clearance of 10 mm on sides

In order to calculate the dimensions of the mounting hole for a set of doors fit with a side light, the external dimension of the selected side light must be added to the external dimensions of the door and clearance must be kept.



GL set



G set



GP set



LGP set



L set



LP set



P set

## Side light\*

Door height	Type of glass	Width	
		300-500 mm	550-700 mm
up to 2100 mm	Safe	✓	✓
	P4	✓	✓
	P5	✓	✓
up to 2400 mm	Safe	✓	✓
	P4	✓	✓
	P5	✓	✓

\* Side lights, standard width in a 50 mm pitch. An additional cost of 25% in a pitch of 10 mm.

\* Side lights, standard height in a pitch of 5 mm.

\* Glazing, matte.

## Top light\*

Height of illumination	Type of glass	Width		
		up to 1250 mm	up to 1950 mm	up to 2650 mm
300-500 mm	Safe	✓	✓	✓
	P2	✓	✓	✓
	P4	✓	✓	✓

\* Top lights standard height in a pitch of 50 mm. An additional cost of 25% in a pitch of 10 mm.

\* Top lights, standard width in a pitch of 5 mm.

\* Glazing, matte.

### Basic colours



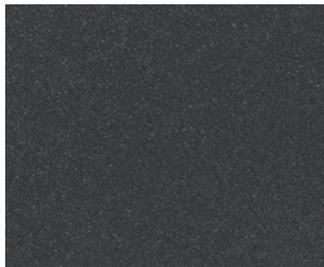
RAL 7016



RAL 9016



Ivory Sapphire



Light Anthracite Sapphire

### OTHER RAL COLOURS EXTRA CHARGED



RAL 7021



Dark Anthracite Sapphire

### Flushed wood-like decor



Golden oak FDE



Winchester FDW



Turner oak FDT



Light wenge FEJ



Alpine walnut FRR

### Flushed INOX decor



Brushed INOX



Black RAL 9005

### Glazing\*



Clear glass



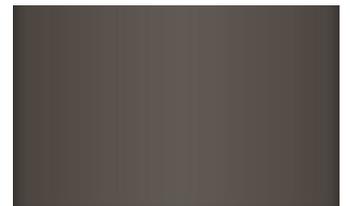
Matte glass



Matte glass & see-through stripes



Reflex Brown glass



Reflex Graphite glass



Reflex Black glass



Mira Star Mirror

\* Glazing in the Altus offer in the standard version is built on two-chamber packages with P4 panes with the so-called warm inter-pane frames guaranteeing a minimum heat transfer coefficient  $U_D = 0,5$  W/m<sup>2</sup>K.

	Class 5 cylinder Class 6 cylinder		Electronic viewer 2,4"
	Class 5 cylinder with knob Class 6 cylinder with knob		Electronic viewer 4,3"
	K1 double-sided handle with split escutcheon		Access control numeric key pad
	K1 single-sided handle with split escutcheon		Buffer power supply unit
	K1 handle-knob with split escutcheon		Switching power supply unit
	K1 split escutcheon with lock cylinder protection		Side extension 20 mm
	K2 double-sided handle with long escutcheon		Side extension 34 mm
	K2 single-sided handle with long escutcheon		Side extension 48 mm
	Handrail 1500 mm Handrail 1700 mm Handrail 1800 mm		Side extension 100 mm
	Handrail with push button 1500 mm Handrail with push button 1700 mm Handrail with push button 1800 mm		Corner 90°
	Integrated hinges		Under threshold extension 30 mm Under threshold extension 50 mm Under threshold extension 70 mm Under threshold extension 100 mm
	Roll hinges		Lock and cylinder maintenance agent 25 ml Lock and cylinder maintenance agent 100 ml Lock and cylinder maintenance agent 400 ml
	Integrated door closer		Gerda Resist ultra insulation duo tapes
	Adjustment for handrail with pushbutton		



Inspirations

ALUMINUM DOORS







Inspirations

ALUMINUM DOORS



ALUMINUM DOORS

Inspirations





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