

EXTERIOR DOORS CATALOGUE



Impress with Your Door!

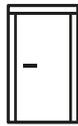


Get backstage to find out more about our manufacturing process. Discover **over 100 inspirations** inside our catalogue

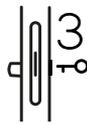
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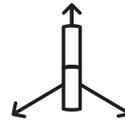
Just pick a model and colour because... when you buy CAL real doors you get at no extra charge:



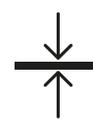
A prehung and pre-finished door



A three-point lock



Four 3D adjustable hinges



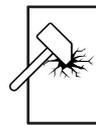
A low-profile threshold



Certified antiburglary class



A guarantee and customer support after the guarantee's expiry



Antiburglary P4 class glass in a triple-glazed IGU



Certified thermal parameters (U_g)

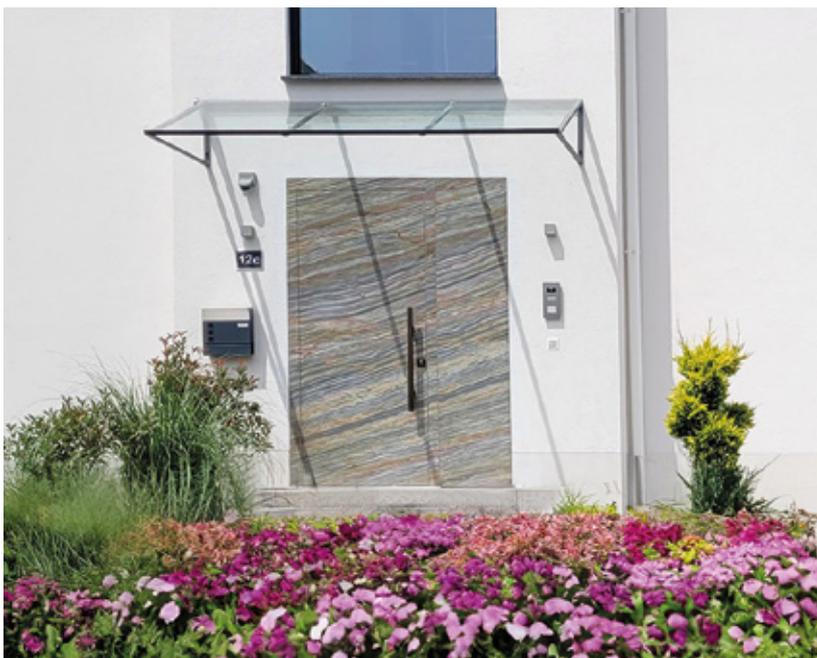
Such accessories as a handle or a pullbar are like jewellery so we shall leave it up to you to decide which ones to pick! Mix and match according to your taste and needs (starting from page 54).

Selected Work

The entrance to your house is a space for your invention.
The door needs not match the windows and the gates.



Project 4/1



Project 4/3



Project 4/2



Project 4/4



Project 5/1



Project 5/2



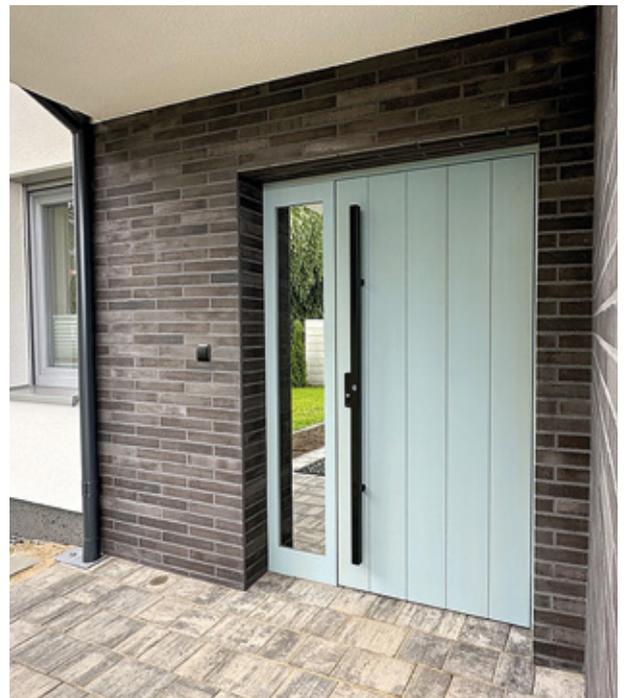
Project 5/3



Project 5/4

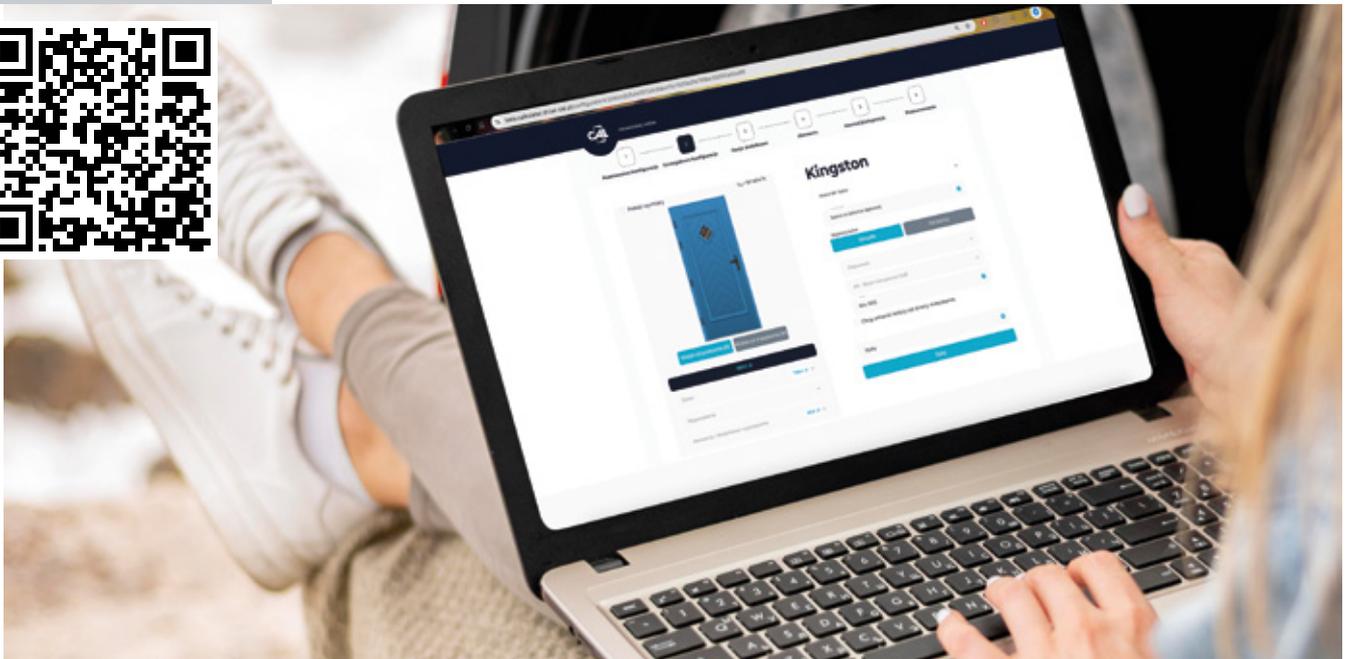


Project 5/5



Project 5/6

Enter the CAL Exterior Door Configurator

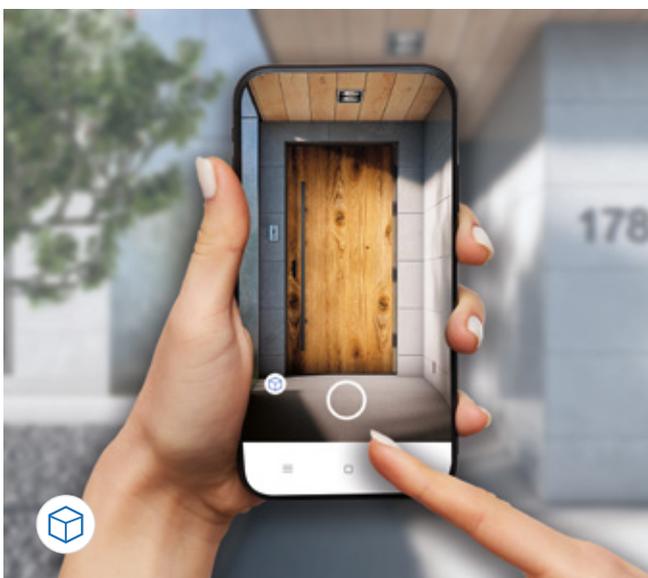


Configure your door! Make it look good from the outer and the inner side.

The entrance to your home should be exceptional!

All our doors come complete with a three-point lock, a low-profile threshold and an anti-pry rebate. Moreover, IGUs in glazed models are equipped with P4 security-class glass. Consult your seller to find out more.

Have you picked your door yet? Now you can try your CAL door on in your home in 3D.



Augmented Reality – Exceptional 3D Modelling Technology

Try the door on in your home in 3D thanks to the exceptional augmented reality technology that you can display on your smartphone. Just scan the QR code, choose a model and try it on virtually.

You may share the effect with your partner or your family.

[See how simple it is!](#)



How to Choose an Ideal Door

A shortcut *to a few terms used throughout the catalogue*

Collection

Models of a similar style and structure

Colours

CAL colour chart, RAL & NCS palettes

Dimensions

Our doors are available in practically any dimensions. That includes sidelights and transoms. The door can be up to 2.5m high.

Standards

Model customization in terms of thermal transmittance, air tightness and design (with visible or concealed hinges).

If You Need:

› Security

Choose any door/model



All doors come complete with **Winkhaus multipoint locking hardware**, **robust hinges**, and an **anti-pry system** that provides added protection against intruders. Our standard in all of our doors, sidelights, and transoms are **P4-class Insulated Glass Units**. All door series (except for Comfort) are of **the certified RC2 antiburglary class**; this also applies to doors with sidelights and transoms.

› More security

Choose certified class RC3 antiburglary models

Watch how we were shooting at the door.



SAFE

› An Innovative Structure

Choose the Presenta standard



Doors with concealed hinges and flushed on both sides with the door frame or the glazing unit. $U_d < 0.81 \text{ W/m}^2\text{K}$, leaf thickness: 90mm.

› Heat

You may choose any door/model



All doors meet the requirements for $U_d < 1.3 \text{ W/m}^2\text{K}$.

- For an **energy-efficient** – house we recommend the Thermo standard (leaf thickness: 78 mm) and the Presenta standard (leaf thickness: 90 mm) in the $U_d < 1.0 \text{ W/m}^2\text{K}$,
- For a **passive** house we suggest the Arctic standard in the $U_d < 0.76 \text{ W/m}^2\text{K}$ ($0.58 \text{ W/m}^2\text{K}$ for reference doors), the leaf thickness: 90 mm,
- For a **passive, certified** house – we recommend the CPH Component Standard, i. e. the doors certified by the Passive House Institute in Darmstadt, Germany.

› Ultradesign

Go Hybrid!

Choose models with an aluminium or stone cladding (quartzite slate or quartz sinter) on the outer side of your door. To find out more go to page 48.

› Smart home

Choose any model

In all our real doors we can install electronic access and biometric systems that will be compatible with your smart home.

Check out the innovative eKey dLine fingerprint reader on page 53

Standards and Basic Parameters of CAL Doors

T Thermo standard

Do you need a universal door that goes above and beyond? A door that opens up unlimited personalisation possibilities? **Choose a Thermo standard-compliant door.**

A 78 mm thick leaf provides an exceptional, thermal barrier (U_d od 0,9 W/m²K)
Standard option

- Selected waterproof plywood
Standard option

- The frames are reinforced with aluminium sections
Standard option

- Two sealing gaskets
Standard option

- Thermal insulation panel
Standard option

- Passive threshold
Standard option

- Thermal Sub-sill Protection (TOP®) eliminates the thermal bridges underneath the door

- Door frame is made of oak or pine glued-laminated timber (65x105 mm profile)
Standard option

- RC2 antiburglary package: three-point locks, four 3D adjustable hinges, anti-pry rebate
Standard option

- Triple-glazed P4 class IGU equals warmth and security. Available in all doors with glazing, in all sidelights and transoms
Standard option

- Four 3D adjustable hinges
Standard option

- Anti-pry rebate
Standard option

- Finished with ecological paints and oil waxes
Standard option

At an extra cost, finished in the unlimited RAL and NCS palette – dual colour or even four colour blocks on one door

- Door accessories (pullbar or handle, keyed antiburglary cylinder lockset, with a range of keyless entry options available)

Compare all available CAL door standards

	T Termo	A Arctic	P Presenta	CPH CPH Component	SILENT SILENT	SAFE SAFE
Key feature	Energy-efficient	Passive	Concealed hinges	For certified passive houses	Acoustic	Even more security
Leaf thickness in mm	78 mm	90 mm	90 mm	90 mm	78 mm	78 mm
Door frame profile in mm	65 x 105 mm	65 x 105 mm	90 x 88 mm	65 x 105 mm	65 x 105 mm	65 x 105 mm
Lock	Mechanical three-point M 2.1 lock	Automatic three-point AV4D lock	Automatic three-point AV4D lock	Automatic three-point AV4D lock	Mechanical three-point M 2.1 lock	Mechanical five-point M 3.1.1 lock
U_d [W/m²K]	0,9-0,97	0,58-0,86	0,81-0,97	0,68-0,76	1,0	1,0
Antiburglary resistance class	RC2	RC2	RC2	RC2	RC2	RC3
Other important information		U _d =0,58 for pine reference doors	Patented hinge protection system	Tested in a climatic chamber	RW=41-43 dB	RW=44 dB
Glass	Triple-glazed P4	Triple-glazed P4	Triple-glazed P4	Triple-glazed P4	NA	NA
Timber	Pine/oak	Pine/oak	Pine/oak	Pine	Pine/oak	Oak
Door swing direction	Inward/Outward	Inward/Outward	Inward/Outward	Inward	Inward/Outward	Inward/Outward



T

TERMO
Energy-efficient

- **Universal** and all-inclusive door, providing the greatest personalisation possibilities
- For all applications
- **Warm and antiburglary**
- Sidelight and transom options are available
- A door up to 2500 mm high with a full guarantee

A

ARCTIC
Passive

- For passive construction
- Nearly 10 cm thick
- Three sealing gaskets
- Top tightness class
- **Very warm and antiburglary**
- Sidelight and transom options available
- A door up to 2500 mm high with a full guarantee

P

PRESENTA
Concealed hinges

- Just as thick as Arctic
- **Concealed hinges**
- Leaf flushed with the door frame
- Glazing flushed with the leaf and the door frame
- A door up to 2500 mm high with a full guarantee

CPH

CPH Component
Certified Passive

- Designed for certified, passive houses
- Designed for passive construction
- **U_d value refers to the installed door**
- pine wood
- Configuration: inward swing, single or with sidelight(s)
- A door up to 2500 mm high with a full guarantee

SILENT

SILENT
Acoustic

- Ideal as an **interior entrance** door and as an exterior door
- **Perfect acoustic insulation**
- RC2 security class
- Possibility to order the door with an instant bolting, additional lock
- A door up to 2500 mm high with a full guarantee

SAFE

SAFE
Robust, designed for special tasks

- Oak structure
- Reinforced door frames
- Heavy-duty hinges
- Steel sheets underneath the plywood coating
- **Antiburglary fittings, handles and door cylinders are included in the price**
- RC3 security class
- A door up to 2300 mm high with a full guarantee

Vintage Collection

A home must have its unique ambiance. Its inhabitants are key to its creation. A good atmosphere arises also from all the efforts undertaken to make it beautiful and special. With the Vintage collection, you will give your home a unique retro style that will define the building right from the entrance door. The collection offers specially selected, hand-crafted wood, and the possibility to create an original portal using toplights, sidelights, or stained-glass panes enhanced by a perfect finish...Here is the Real door in a vintage style.

In brief: Sophisticated elegance with a classic touch and a sense of the spirit of the times. The structure of the models in this collection meets the requirements of energy-efficient houses. It guarantees both perfect insulation performance, regardless of the weather conditions, and top safety standards.

Features:



RC2 security class



Triple glazed P4 class IGU



Three-point lock



Low profile threshold

CAL door standards:



Termo



Arctic



Presenta



CPH Component



SILENT



SAFE



model: Wiktoria | standard: Arctic | colour: RAL 3005 (oak) | handle: Jupiter F8



All doors in this collection are available in 25 ecological colours from the CAL palette. You can choose also any colour from the RAL palette.

Wiktorja

- RAL 1018 (oak)
- RETRO z43 pullbar (RAL 9005)
- Jupiter half-set handle (F8-black)
- P4 antiburglary glass



Inner side

Raised inner panel(s) available at an extra cost.

Door standards available



Raised inner panel(s) available at an extra cost.



Inner side

Albury

- Red (oak)
- Diva handle (F6-stainless steel)
- P4 antiburglary glass

Door standards available



Darwin

- RAL 6034 (oak)
- Diva handle (F6-stainless steel)



Inner side

Raised inner panel(s) available at an extra cost.

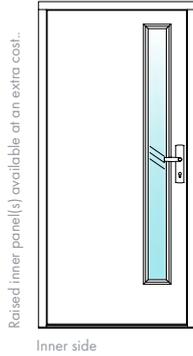
Door standards available



ARCHITECT'S CHOICE



Due to the specific design of the raised panels, the doors opened outwards need to be installed not deeper than 110mm into the wall (from the face of the finished front wall).



Raised inner panel(s) available at an extra cost..

Inner side

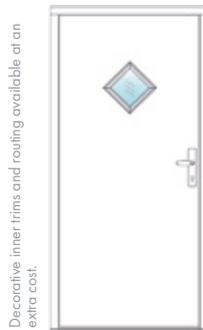
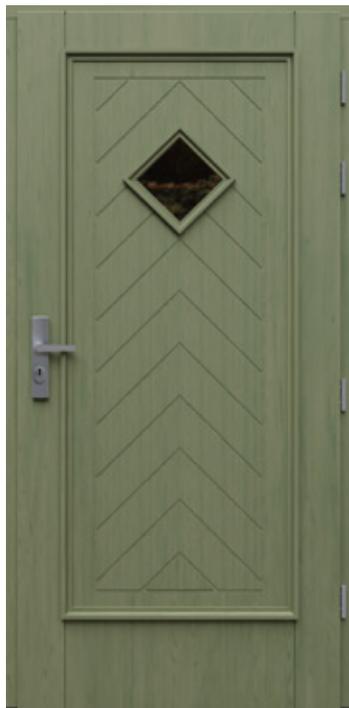
Canberra

- Ⓢ Walnut (pine)
- Ⓞ Diva handle (F6-stainless steel)
- Ⓢ P4 antiburglary glass

Door standards available



model: Lhotse | standard: Arctic |
 colour: Norton/Greenish(oak) |
 Diva handle (F9-titanium)



Decorative inner trims and routing available at an extra cost.

Inner side

Kingston

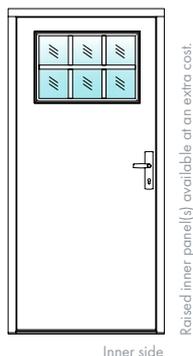
- Ⓢ Norton | Greenish (oak)
- Ⓞ Jupiter handle (F6-stainless steel)
- Ⓢ P4 antiburglary glass

Door standards available



Sydney

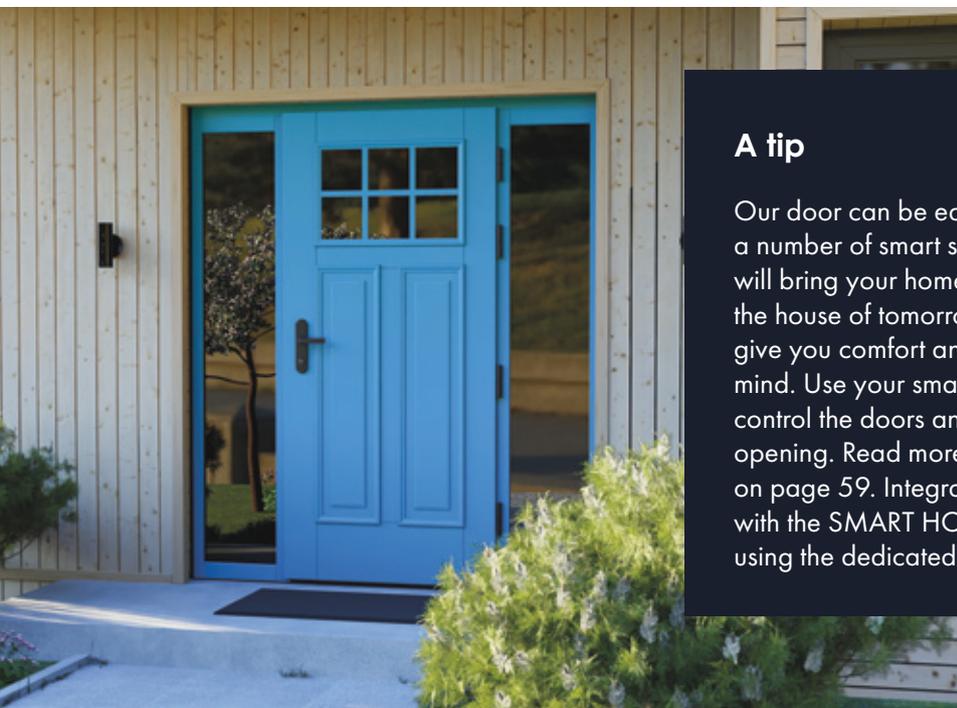
- RAL 1023 (oak) ⦿
- Toronto handle (F6-stainless steel) ⦿
- P4 antiburglary glass S



Raised inner panel(s) available at an extra cost.



Door standards available T A P



A tip



Our door can be equipped with a number of smart solutions that will bring your home closer to the house of tomorrow and will give you comfort and peace of mind. Use your smartphone to control the doors and monitor their opening. Read more on page 59. Integrate your door with the SMART HOME system using the dedicated API !

model: Sydney
 standard: Thermo |
 colour: RAL 5012 (oak) |
 Verona handle (F8-black) |
 P4 antiburglary glass

Lhotse

- RAL 9016 (oak) ⦿
- Jupiter handle (F9-titanium) ⦿



Raised inner panel(s) available at an extra cost.

Door standards available T A P CPH SILENT SAFE

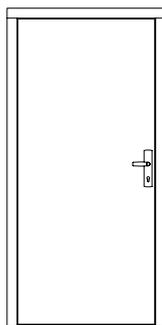




Vintage



Decorative inner trims available at an extra cost.



Inner side

Długie

- RAL 7016 (knotty oak)
- Jupiter handle (F9-titanium)

Door standards available



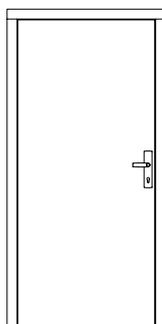
model: Roś | standard: Arctic |
 colour: RAL 3015 (oak) |
 RETRO z43 pullbar (F8-black) |
 Jupiter Solo half-set handle(F8-black)



COLOUR ID THE YEAR 2024



Raised inner panel(s) available at an extra cost.



Inner side

Roś

- NCS S0530-Y60R (oak) Peach Fuzz
- RETRO z43 pullbar (F8-black)
- Jupiter Solo half-set handle(F8-black)

Door standards available



Makalu

- Winchester (oak) S
- Jupiter handle (F8-black) C
- P4 antiburglary glass S



Inner side

Decorative inner trims available at an extra cost.

Door standards available T A P



Inner side

Decorative inner trims available at an extra cost.

Door standards available T A P CPH

Garbas

- S Green Oiled (oak)
- C Jupiter handle (F9-titanium)
- S P4 antiburglary glass

Vienna

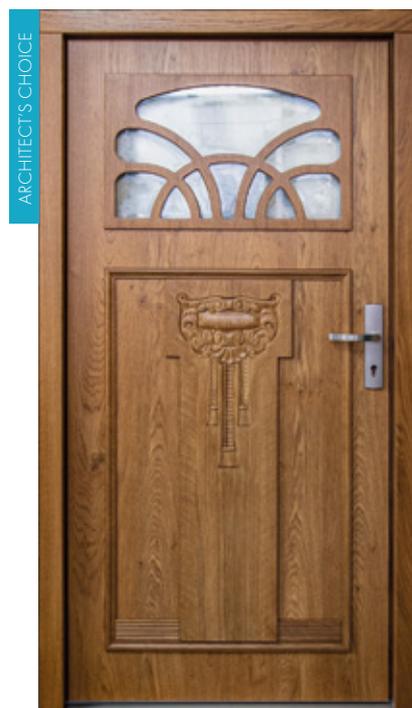
- Winchester (oak) S
- Jupiter handle (F6- stainless steel) C
- P4 antiburglary glass S



Inner side

Raised inner panel(s) available at an extra cost.

Door standards available T A P



ARCHITECT'S CHOICE

Knight Collection

Why Knight ? Because the doors from this collection are like the knights of our times. We combine natural wood, which over centuries has proved to be an excellent material, with top quality stainless steel or quartz sinters, and specially designed fittings. As a result, the traditional material gains a designer "armour" and the door fits all contemporary arrangements. The final product is a real, wooden door (not the kind made of steel or PVC) that is both beautiful and will guard your home well.

If, to you, a real home is a home in a contemporary style, enhanced with new technologies, put a knight from the Knight collection at your entrance.

Standard option:



RC2 security class



Triple glazed P4 class IGU



Three-point lock



Low profile threshold

CAL door standards:



Termo



Arctic



Presenta



CPH Component



SILENT



SAFE



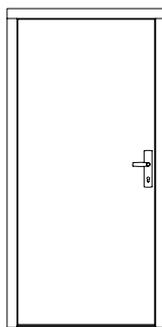
model: Jagienka | standard: Termo | colour: Winchester Oiled (knotty oak) | height: 2.5 m | pullbar: Q10 | escutcheon plate: Soild Solo | fingerprint reader



All doors in this collection are available in 25 ecological colours from the CAL palette. You can choose also any colour from the RAL palette.

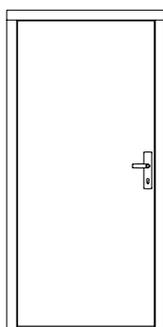
Jagienka

- Winchester Oiled (knotty oak)
- AXA straight pullbar (RAL 9005)
- Jupiter Solo handle (F8-black)



Inner side

Door standards available



Inner side

Walkiria

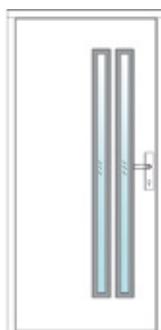
- RAL 7016 Anthracite (oak)
- Metal inlay (F6-stainless steel)
- WALA flush pull handle (F6-stainless steel)
- Jupiter half-set handle (F6-stainless steel)

Door standards available



Florian

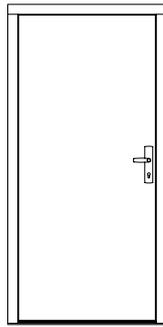
- RAL 9016 (pine)
- Metal inlay (F6-stainless steel)
- Jupiter handle (F9-titanium)
- P4 antiburglary glass



Inner side
Interior trim - stainless steel frame

Door standards available





Inner side

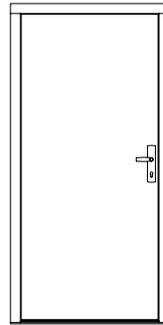
Agawa

- Ⓢ RAL 9005 (door frame)
- Ⓢ Bongossi Oiled
- ⦿ (knotty oak) (leaf)
- ⦿ Q10 pullbar (RAL 9005)
- ⦿ Jupiter Solo handle (F8-black)
- Ⓢ Metal inlays (RAL 9005)

Door standards available

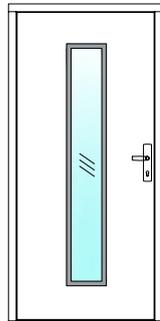


- ## Antiopa
- Ⓢ Burford | Greyish (oak)
 - Ⓢ Concealed pull handle (RAL 9005)
 - Ⓢ Metal inlay (RAL 9005)
 - ⦿ Jupiter half-set handle (F8-black)



Inner side

Door standards available



Inner side
Interior trim - stainless steel frame

Asteria

- Ⓢ Bleached Oiled (oak)
- ⦿ x7zo pullbar Z11 model (F6-stainless steel)
- ⦿ Jupiter half-set handle (F6-stainless steel)
- Ⓢ P4 antiburglary glass

Door standards available



Dejanira

- Golden oak (oak) S
- Jupiter handle (F9-titanium) C
- P4 antiburglary glass S



Inner side
Wooden frame

Door standards available



model: Agawa
standard: Arctic |
leaf colour: Clear Oiled (kontty oak),
door frame: RAL 9005 |
Q10 pullbar (RAL 9005) |
Jupiter Solo handle (F8-black) |
Metal inlays (RAL 9005)

Zyndram

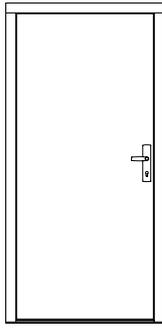
- RAL 6010 (oak) C
- Metal inlays (F8-black) C
- Jupiter handle (F8-black) C
- P4 antiburglary glass S



Inner side
Interior trim - stainless steel frame

Door standards available





Inner side

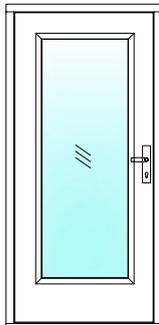
Hippolita

- Ⓢ Burgund (oak)
- Ⓢ Concealed pull handle (RAL 9005)
- Ⓢ Metal inlay (RAL 9005)
- Ⓞ Jupiter half-set handle (F8-black)

Door standards available



model: Longinus |
 standard: Arctic |
 colour: RAL 7016 (oak) |
 Metal overlay (F8-black) |
 Diva handle (F6-stainless steel) |
 P4 antiburglary glass



Inner side
 Wooden trim

Jagienka Maxglass

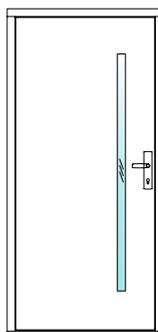
- Ⓞ RAL 9005 (oak)
- Ⓞ Jupiter handle (F8-black)
- Ⓢ P4 antiburglary glass

Door standards available

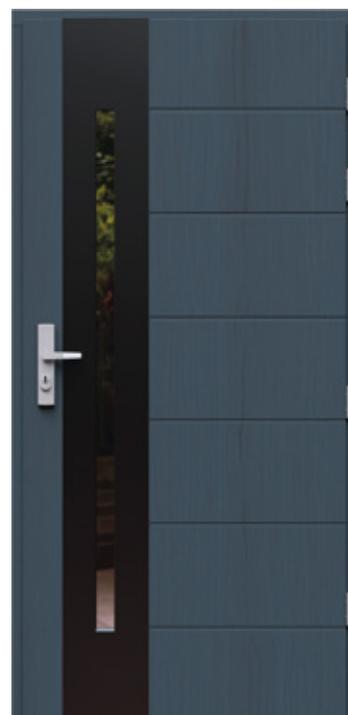


Longinus

- Ultramarine (oak) S
- Metal overlay (F8-black) S
- Diva handle (F6-steel stainles) C
- P4 antiburglary glass S



Inner side



Door standards available



Inner side
Interior trim - stainless steel frame

Zawisza

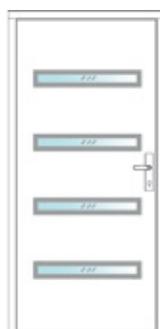
- C RAL 9005 (door frame)
- S Clear (oak)
- C Metal inlays (RAL 9005)
- C Jupiter handle (F8-black)
- S P4 antiburglary glass

Door standards available

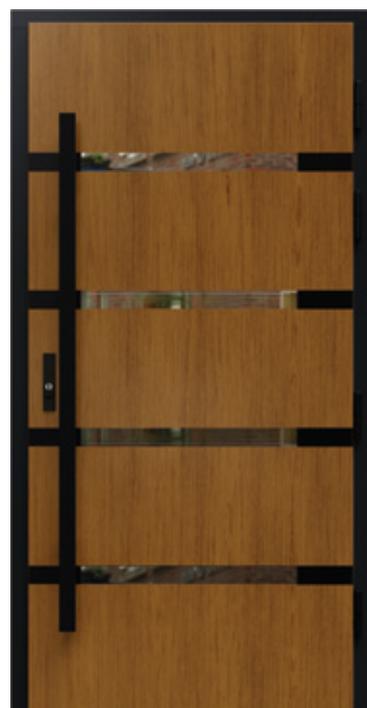


Mszczuj 4s

- RAL 9005 (door frame) S
- Winchester (oak) (leaf) C
- Metal inlays (F8-black) C
- Jupiter handle (F8-black) C
- P4 antiburglary glass S



Inner side
Interior trim - stainless steel frame



Door standards available



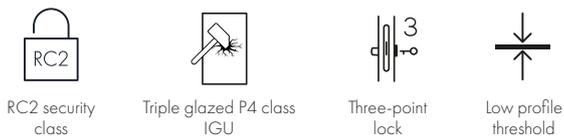
Kolora Collection

What a whirlwind of colours! Choose models in any colour you fancy from the one of a kind RAL palette. You decide, we provide. The names of the models in this collection are derived from the international Esperanto language. Did you know that "esperanto" means "a person who hopes"? Each of the colourful designs will be painted and milled as you like it. The door you have designed should stand out from the entire facade.

Choose from a palette that offers a wealth of possibilities. Consult our dealer and let us make your dreams come true.

Each RAL colour is included in the price of the door !

Features:



CAL door standards:



model: Blanka | standard: Presenta | colour: RAL 4010 Fuchsia | pullbar: Q10 | escutcheon plate: Solid Solo F6



All doors in this collection are available in 25 ecological colours from the CAL palette. You can choose also any colour from the RAL palette. This is a standard option – available at no extra charge.

Blanka

- RAL 6034 (oak)
- Jupiter handle (F6-stainless steel)



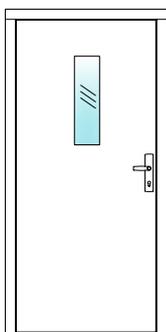
Inner side

Routing grooves on the inner side available at an extra cost.

Door standards available



Routing grooves on the inner side available at an extra cost.



Inner side

Blua

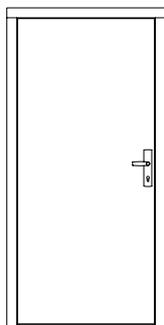
- RAL 1013 (oak)
- RETRO pullbar z43 model (RAL 9005)
- Jupiter Solo (F8-black)
- P4 antiburglary glass

Door standards available



Nigra

- RAL 7040 (oak)
- x7zo pullbar Z29 model (F6-stainless steel)
- Jupiter half-set handle (F6-stainless steel)



Inner side

Door standards available

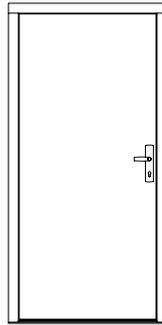




Kolora



Routing grooves on the inner side available at an extra cost.



Inner side

Bruna



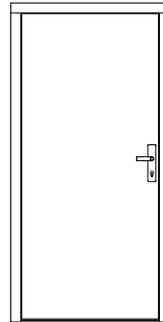
- RAL 3027 (oak)
- AXA stainless steel pullbar (F6-stainless steel)
- Slim Solo handle (F6-stainless steel)

Door standards available



Flava

- RAL 9005 (oak)
- Diva handle (F6-stainless steel)



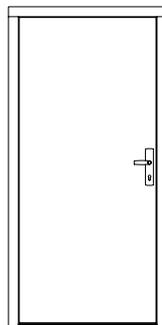
Inner side

Routing grooves on the inner side available at an extra cost.

Door standards available



Routing grooves on the inner side available at an extra cost.



Inner side

Rufa

- RAL 5023 (oak)
- Jupiter handle (F6-stainless steel)

Door standards available



Find out more about the installation of CAL doors!



Smeralda

RAL 5018 (oak) S
 Diva handle (F6-stainless steel) O



Inner side

Routing grooves on the inner side available at an extra cost.

Door standards available



model: Flava
 standard: Arctic |
 colour: RAL 7016 (oak) | Diva
 handle (F9-titanium)

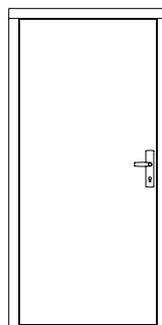


[View it on our website](#)
 Door casing on the inner side
 (CAL casing system)



Verda

RAL 7047 (oak) S
 Toronto handle (F6-stainless steel) O



Inner side

Routing grooves on the inner side available at an extra cost.

Door standards available





Arbo

Arbo Collection

We love wood! It is the soul of all our doors. How about you? Do you also think that there is no home without a Real wood door? Discover the Arbo collection, which is based on the original beauty of wood planks. It will allow you to fully appreciate the shades, the grain, and the texture of the wood. Feel the warmth of Real wood. Linear layouts of planks work well in innovative and minimalist houses. They are a perfect match also for rustic places.

! Cena dotyczy skrzydła wraz z ościeżnicą.

The only thing you have to decide is whether you prefer a vertical or a horizontal configuration. No need to mention that the aesthetic goes hand in hand with technical parameters. As in love, some things go without saying.

Attention! Claddings are made of 12-millimetre thick, three-layer planks. Gaps between the boards are secured with silicone.

Standard option:



RC2 security class



Triple glazed P4 class IGU



Three-point lock



Low profile threshold

CAL door standards:



Termo



Arctic



Presenta



CPH Component



SILENT



SAFE



model: Fago | standard: Presenta | colour: Clear Oiled (oak) |
sidelights: cladding : Clear Oiled (oak), glazing – Dark Grey | Jupiter
handle (F6-stainless steel)



All doors in this collection are available in 23 environmentally-friendly finishes, underlining the grain of oak. You can also choose almost any colour from the RAL palette.

Kverko

Winchester (oak)

Q10 pullbar (RAL 9005)

Aluminium door frame cladding (RAL 9005).

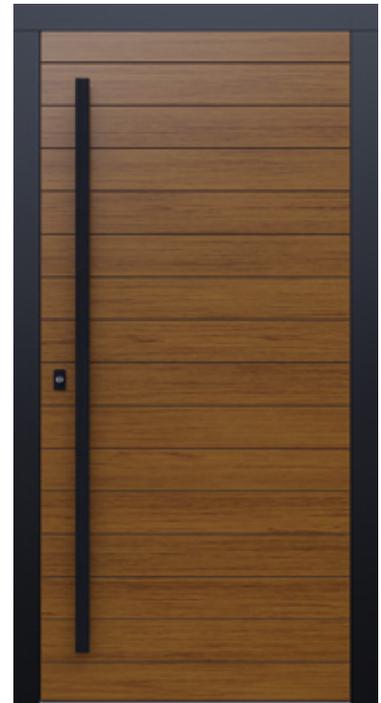
An option available in all collections at an extra charge.

Jupiter half-set handle (F8-black)



Inner side

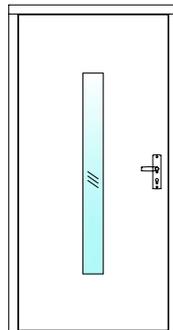
Routing grooves on the inner side available at an extra cost.



Door standards available



Routing grooves on the inner side available at an extra cost.



Inner side

Fago

Clear Oiled (oak)

Jupiter handle (F8-black)

P4 antiburglary glass

Door standards available



Piceo

Bleached (oak)

Door frame painted black (RAL 9005)

Metal inlay (RAL 9005)

Jupiter handle (F8-black)



Inner side

Routing grooves on the inner side available at an extra cost.



Door standards available

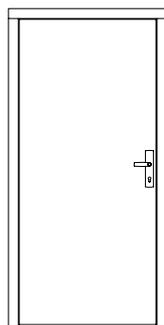




Arbo



Routing grooves on the inner side available at an extra cost.



Inner side

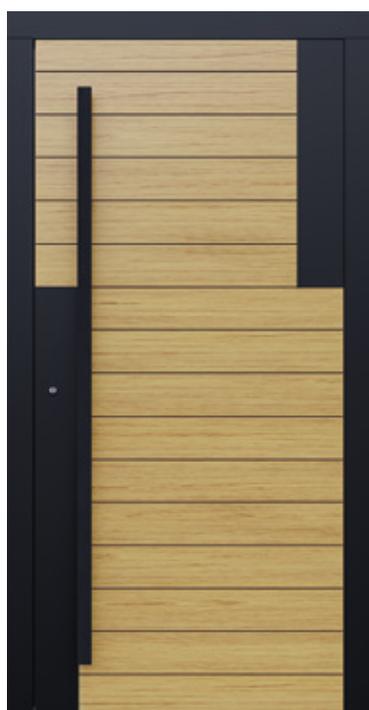
Pino

- ⑤ Winchester Oiled (oak)
- ④ Jupiter handle (F8-black)

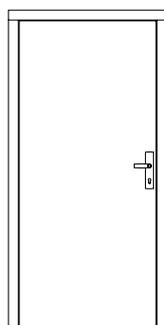
Door standards available



model: Saliko | standard: Arctic
| colour: RAL 6034 (oak) |
Jupiter handle (F9-titanium)



Routing grooves on the inner side available at an extra cost.



Inner side

Acero

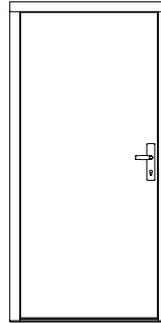
- ⑤ Clear (oak)
- ④ Q10 pullbar (RAL 9005)
- ④ Aluminium door frame cladding (RAL 9005)
- ⑤ Metal inlays (RAL 9005)
- ④ Jupiter half-set handle (F8-black)

Door standards available



Karpeno

- Bleached Oiled (oak)
- Jupiter handle (F8-black)



Inner side

Routing grooves on the inner side available at an extra cost.

Door standards available



model: Kverko standard: Arctic |
 colour: Winchester (oak) | Door frame with exterior aluminium cladding (RAL 9005) | Q10 pullbar (RAL 9005) | Jupiter half-set handle (F8-black)



View our work!
 We create custom designs!

Saliko

- RAL 6034 (oak)
- Jupiter handle (F9-titanium)



Inner side

Routing grooves on the inner side available at an extra cost.

Door standards available





Idyll

Idyll Collection

Your idyll. The name celebrates simple, wooden doors of idyllic houses and, at the same time, conceals the advanced technology of the 21st century. This new collection of exterior CAL doors symbolizes the serenity that we all have in mind.

The collection includes seven models that redefine the concept of doors. The inspiration for their creation were the Olympic Muses, the envoys of gods who attend to different areas of life, art, and science. From now on, they will guard Your house.

Larch wood used in the production of these doors is the most durable wood of conifer species. It has beautiful grain patterns. It is not susceptible to biological corrosion, does not deform, and its hardness increases with age.

Choose your door made of any wood, as long as it is oak !

Attention! Two-sided claddings made of a 4-millimetre veneer, milled. The number of the millings changes depends on the size of the door.

Features:



RC2 security class



Triple glazed P4 class IGU



Three-point lock



Low profile threshold

CAL door standards:



Termo



Arctic



Presenta



CPH Component



SILENT



SAFE



model: Kaliopé | standard: Presenta | colour: transparent (knotty oak) |
sidelight: RAL 9005 colour, glazing - one-sided mirror flushed with the surface of the leaf |
pullbar: Q 10 (F8-black) | rosette: Mars solo (F8-black)



All doors in this collection are available in 23 environmentally-friendly finishes, underlining the grain of oak. You can also choose almost any colour from the RAL palette.

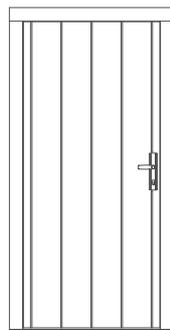
Euterpe

- Clear Oiled (oak) S
- Aluminium door frame cladding (RAL 9005). C
- Option available in all collections at an extra charge.
- Concealed pull handle (RAL 9005) S
- Metal inlay (RAL 9005) S
- Jupiter half-set handle (F8-black) C



Inner side

Door standards available



Inner side

Door standards available



Erato

- Clear Oiled (knotty oak)
- WALA Q10 pullbar with fingerprint reader (F6-stainless steel)
- Aluminium door frame cladding (RAL 7047).
Option available in all collections at an extra charge.
- Slim Solo handle (F6-stainless steel)
- E-AV3 lock

Talia

- Clear Oiled (knotty oak) C
- Q10 pullbar with LED backlight (F6 -stainless steel) C
- Metal inlay (F6-stainless steel) S
- Jupiter half-set handle (F6-stainless steel) C



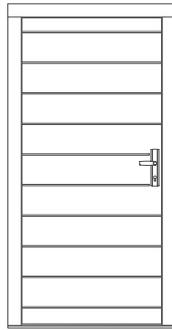
Inner side

Door standards available





Idyll



Inner side

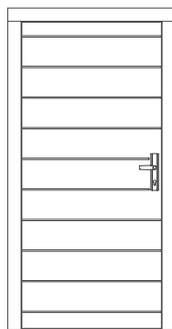
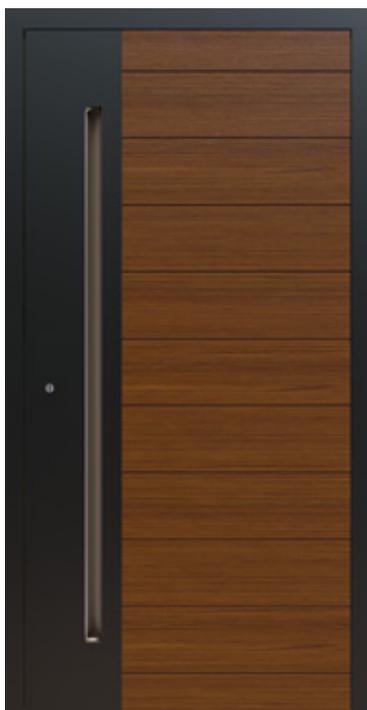
Kalliope

- Clear (knotty oak)
- Aluminium door frame cladding (RAL 9005).
Option available in all collections at an extra charge.
- x7zo pullbar, Z11 model (clear oak)
- Jupiter half-set handle (F8-black)

Door standards available



model: Arche | standard: Presenta |
 colour: Norton | Greenish (oak) |
 APP pullbar (F8-black) | Jupiter handle
 (F8-black) | P4 antiburglary glass



Inner side

Klio

- Teak (oak)
- Aluminium door frame cladding (RAL 9005).
Option available in all collections at an extra charge.
- Concealed pull handle (RAL 9005)
- Metal inlay (RAL 9005)
- Jupiter half-set handle (F8-black)

Door standards available



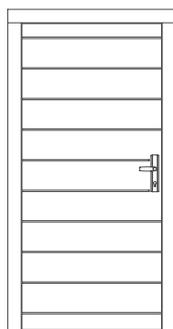
Nessa

- Ultramarine (oak)
- Profilo C Integrated Pullbar (RAL 9005)
- Szyld Solid Solo F8



Inner side

Door standards available T A P CPH SILENT SAFE



Inner side

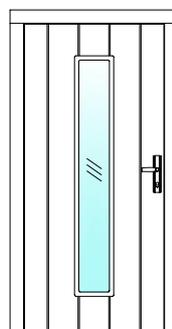
Urania

- Bleached (knotty oak)
- Metal inlay (RAL 9005)
- Jupiter handle (F8-black)

Door standards available T A P CPH SILENT SAFE

Arche

- Norton | Greenish
- App pullbar (F8-black)
- Jupiter handle (F8-black)
- P4 antiburglary glass



Inner side

Door standards available T A P CPH SILENT SAFE





Musical

Musical Collection

Each house is a different song so we decided to dedicate our new collection to the world of music. The newly designed models are named after masters of blues, rock, soul or R&B. When you write a song of your house let... the real wood door join the band.

May the music be with you!

Doors from the Musical Collection will sing it out – their distinctive feature is a chamfered, pitch-black aluminium sheet inlay and dark grey glazing. Accompanied by the bass of the door's natural wood, they sound like world-class rock stars in houses where beauty and perfect parameters are at stake.

Features:



RC2 security class



Triple glazed P4 class IGU



Three-point lock



Low profile threshold

CAL door standards:



Termo



Arctic



Presenta



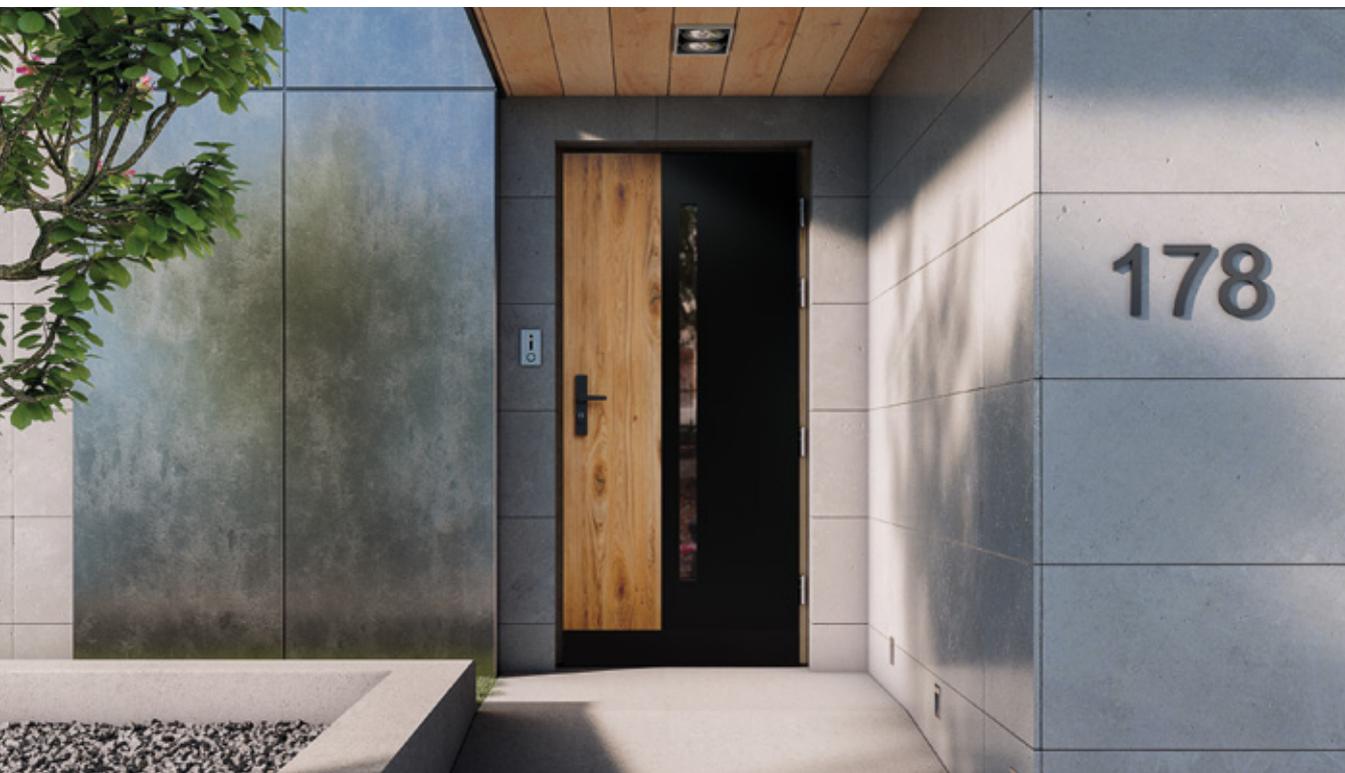
CPH Component



SILENT



SAFE



model: James | standard: Arctic | colour: clear (knotty oak) | glazing: Dark Grey P4 antiburglary glass | Diva handle (F8-black)



All doors in this collection are available in 23 environmentally-friendly finishes, underlining the grain of oak. You can also choose almost any colour from the RAL palette.

Jenis

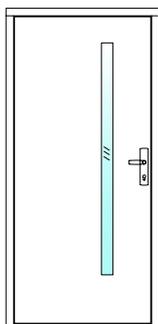
- Winchester (knotty oak)
- Metal inlay (RAL 9005)
- Jupiter handle (F9-titanium)
- Dark Grey P4 antiburglary glass



Inner side



Door standards available



Inner side

Marlene

- RAL 3020 (oak)
- Metal inlay (RAL 9005)
- Jupiter handle (F8-black)
- Kick plate (RAL 9005)
- Dark Grey P4 antiburglary glass

Door standards available



Brian

- Bleached (knotty oak)
- Metal inlay (RAL 9005)
- Jupiter handle (F9-titanium)
- Dark Grey P4 antiburglary glass



Inner side

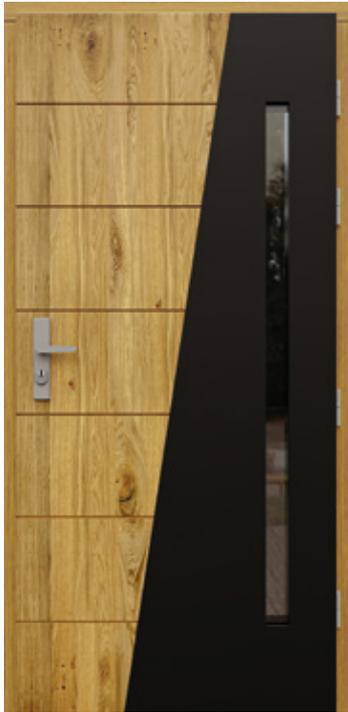


Door standards available





Musical



Inner side

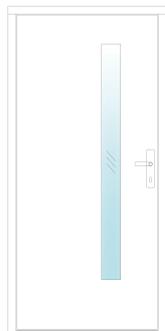
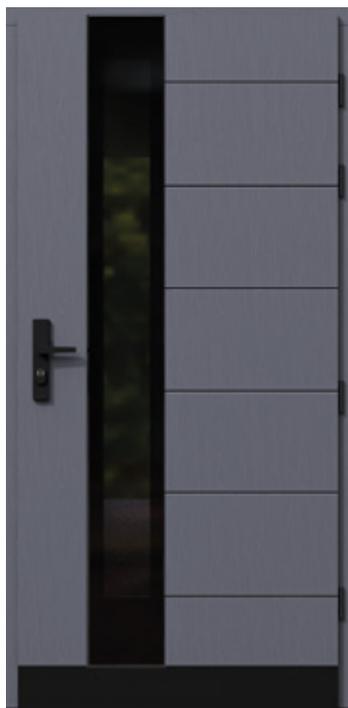
Audrey

- ⦿ Oiled (knotty oak)
- Ⓢ Metal inlay (RAL 9005)
- ⦿ Jupiter handle (F8-black)
- Ⓢ Kick plate (RAL 9005)
- Ⓢ Dark Grey P4 antiburglary glass

Door standards available



model: Jenis | standard: Arctic |
 colour: Bleached (oak), RAL 9005 door frame |
 Jupiter handle (F8-black) |
 Dark Grey P4 antiburglary glass



Inner side

Vivien

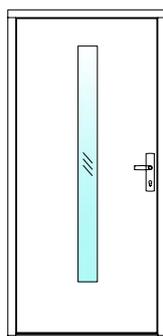
- Ⓢ Anthracite Oiled (oak)
- Ⓢ Metal inlay (RAL 9005)
- ⦿ Jupiter handle (F8-black)
- Ⓢ Kick plate (RAL 9005)
- Ⓢ Dark Grey P4 antiburglary glass

Door standards available



Marilyn

- Winchester (oak)
- Metal inlay (RAL 9005)
- Jupiter handle (F8-black)
- Kick plate (RAL 9005)
- Dark Grey P4 antiburglary glass



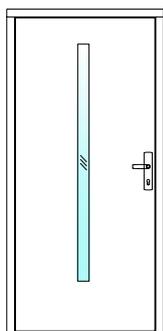
Inner side



Door standards available



Inner side



Claudia

- Oiled (knotty oak)
- Metal inlay (RAL 9005)
- RAL 9005 doorframe
- Jupiter handle (F8-black)
- Kick plate (RAL 9005)
- Dark Grey P4 antiburglary glass

Door standards available



Eric

- RAL 6010 (oak)
- Metal inlay (RAL 9005)
- Q10 pullbar RAL 9005
- Szyldzik pierścieniowy z podkładką i klamką Jupiter F8



Inner side



Door standards available



Alutherm Collection

Do you want your real wooden door to have additional functionalities? No wonder because a real house requires multifunctional solutions. With this in mind, we have created the Alutherm collection, characterized by the use of aluminium cladding on the outer side of the door. Aluminium, which is used in aviation and robotics, is weatherproof and easy to maintain, but, at the same time, it does not reduce the charm and the thermal properties of the wood used on the inside.

THE DOORS IN ALUMINIUM CLADDING DO NOT REQUIRE AN OVERHANG

Weatherproof door

You can fully enjoy the synergy of the two materials. A wide range of aluminium coating colours, including wood-like ones, will allow you to perfectly match your doors with your windows and garage doors.

Standard option:

- 
 RC2 security class
- 
 Triple glazed P4 class IGU
- 
 Three-point lock
- 
 Low profile threshold

CAL door standards:

- 
 Termo
- 
 Arctic
- 
 Presenta
- 
 CPH Component
- 
 SILENT
- 
 SAFE



model: Megacal | standard: Presenta colour: Quartz Anthracite | sidelights: colour - Quartz Anthracite, glazing - reflective brown | pullbar: Q10 | escutcheon plate: Diva



All doors in this collection are available in nearly all colours of the RAL palette. External aluminium claddings can be matte or glittery, and interior wooden surfaces are available in 25 ecological colours from the CAL palette and nearly all colours of the world from the RAL palette.

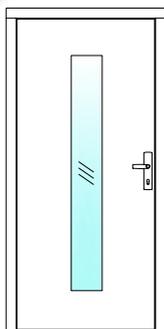
Megalit

- Aluminiu cladding (AR-RAL1023-MAT)
- Jupiter half-set handle (F8-black)
- Concealed pull handle (RAL 9005)



Inner side

Door standards available



Inner side

Nanolnox

- Aluminiu cladding (Anthracite Quartz)
- Jupiter handle (F6-stainless steel)
- Metal inlays (F6-stainless steel)
- P4 antiburglary glass

Door standards available



Megakiur

- Aluminiu cladding (AR-RAL3005-MAT)
- Concealed pull handle (RAL 9005)
- Jupiter half-set handle (F8-black)



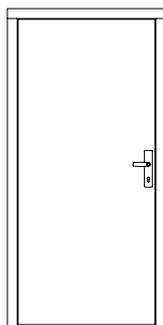
Inner side

Door standards available





Alutherm



Inner side

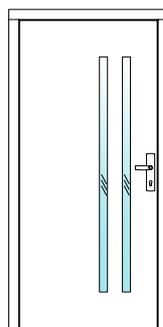
Decyuran

- Aluminium cladding (Alu Decor Mat | Wood-like Golden oak)
- AXA straight pullbar (RAL 9005)
- Slim Solo handle (F8-black)

Door standards available



model: ZeptoInox | standard: Arctic |
 colour: Aluminium cladding (AR-RAL7016-MAT) |
 Jupiter handle (F9-titanium) |
 P4 antiburglary glass



Inner side

Dekasuw

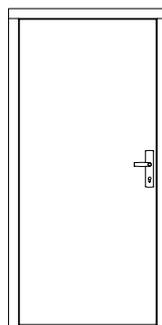
- Aluminium cladding (AR-RAL7016-MAT)
- Jupiter handle (F9-titanium)
- P4 antiburglary glass

Door standards available



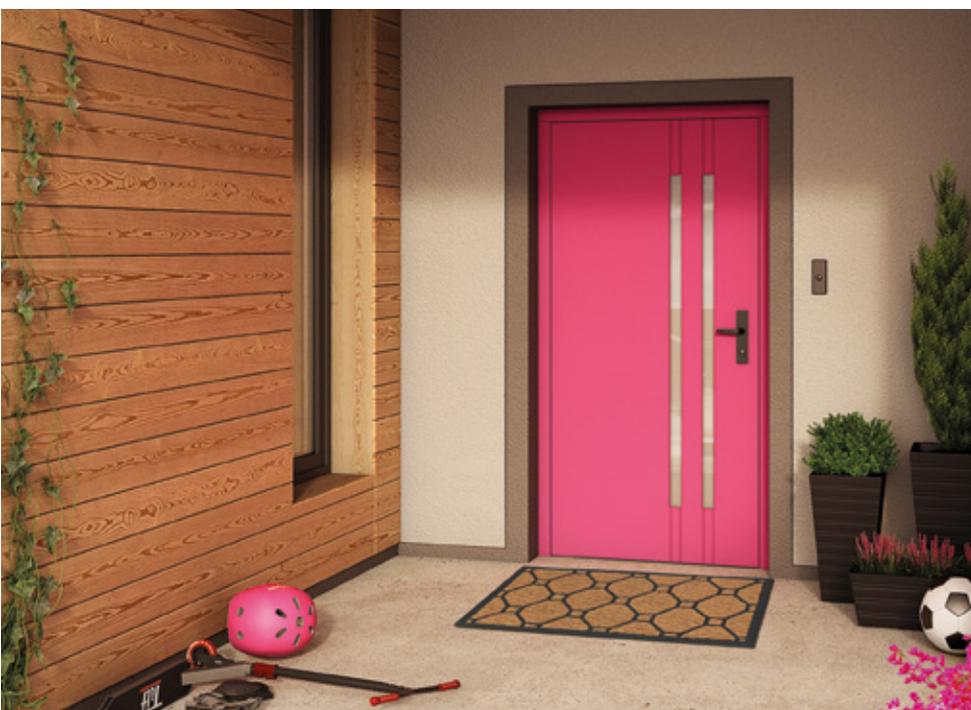
Megacal

- Aluminum cladding (AR-RAL9011-MAT)
- WALA Q 10 pullbar (F6-stainless steel)
- Slim Solo handle (F6-stainless steel)



Inner side

Door standards available



model: Dekasuw | standard: Arctic |
 colour: Aluminium cladding (AR-RAL4010-MAT) | Jupiter handle (F8-black) | P4 antiburglary glass

Zeptolnox

- Aluminium cladding (AR-RAL6033-MAT)
- Jupiter handle (F6-stainless steel)
- Metal inlays (F6-stainless steel)
- P4 antiburglary glass



Inner side

Door standards available



GO Hybrid!

Synergia materiałów!

Jagienka is an exceptional door – whether oak veneer or pine veneer - it always looks great ! However, this model is also available in three stylish claddings.

You can “dress” your door with e. g. a very fashionable quartzite slate, quartz sinter or aluminium. And you will always be sure that this is a hybrid, one of a kind door: Real door, made of wood, with surprising outside looks owing to its unique beauty, and, what is more, entirely protected against even the worst



Quartzite slate

This beautiful, natural stone, obtained by means of mechanical splitting, is used to cover the leaf and the door frame of the Jagienka doors (with concealed hinges in the Presenta standard).

The image presents the Burning Forest slate-clad door.

Available only in the Presenta standard.



Quartz sinter

This cladding is made of natural ground granite rocks with the addition of pigments. When cladding the Jagienka door, we obtain an incredible visual effect, as well as optimal hardness and resistance to scratching by our four-legged friends. If necessary, CAL recommends colour-matched aluminium cladding for door frames

The image presents the Neolith Concrete sinter-clad door.

Available only in the Presenta standard.



Aluquartz

A doorframe in an aluminium cladding. The surface of the leaf is divided into two sections separated by an aluminium divider bar.

Aluminium on the side of the lock, quartz sinter on the side of the hinges. If you are into elegant simplicity combined with natural wood, this is the door for you. The standard option includes the RC2 antiburglary class and excellent thermal insulation parameters.

model: Jagienka AluKwarc
AR Mat 9005 Aluminium Cladding/Ossido
Bruno Quartz sinter

Available only in the Presenta standard.

Cladding in JAGIENKA Presenta doors

Cladding material	Cladding type	Cladding sheet size	Remarks	Cost
Quartzite slate	K. Black	Maximum Width: 1220mm Maximum Height: 2440mm	Quartzite slate clad selection - due to its uniqueness - based on three photos to be accepted before placing the order. NOTE: does not apply to glazed doors/panels.)	On request. Ask your retailer for more details.
	Burning Forrest			
	S. White			
	Cooper			
Quartz sinter	Oxide Perla	Maximum Width: 1000mm Maximum Height: 2500mm	Price per one side of the leaf	
	Oxide Nero			
	Beton Satyna			
	Ossido Bruno			
Mirror on a leaf/ passive leaf	1) Mirrors mounted on the door slab may curve. It might cause distortions of the image. 2) Available with a wood doorframe or a doorframe in an aluminium cladding. 3) The repair service of a broken mirror is possible only in a manufacturing plant. In the case of the door leaf, it should be taken off the hinges and returned to the factory. Broken mirror cladding on the passive leaf will additionally require the dismantling of the unit from the wall opening. 4) A mirror in a sidelight is available only in doors opening inwards. Alternatively, a lock should be changed from AV3 to M2.1			
Aluquartz	Quartz sinter as above. Aluminium according to the Aluron palette.			



Quartz sinter
Oxide Perla



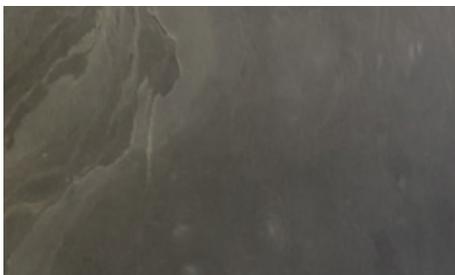
Quartz sinter
Oxide Nero



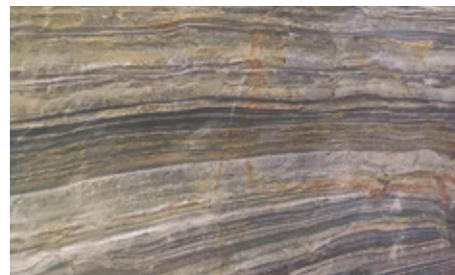
Quartz sinter
Ossido Bruno



Quartz sinter
Beton Satyna



Quartzite slate
K.Black



Quartzite slate
Burning Forrest



Quartzite slate
S. White



Quartzite slate
Cooper

Custom-made doors

For years CAL has been designing and building custom-made wooden exterior doors. We can fulfill practically all your needs offering a wide range of styles for all project types, or you can choose from our bespoke service, where construction, glazing, size, finish, etc., can be fully customized. You can have any CAL door you can dream of... Unique, wooden, and only yours.



Project 44/1
 model: Vienna | standard: Thermo | construction: Double Doors | colour: Bleached Oiled (oak) | glazing: Clear Simulated Divided Lite | handle: Diva



Project 44/2
 model: custom door | standard: Thermo | colour: RAL 9016 (pine) | Single Door with Two Sidelights and Round Transom | glazing: Clear Simulated Divided Lite | handle: Diva



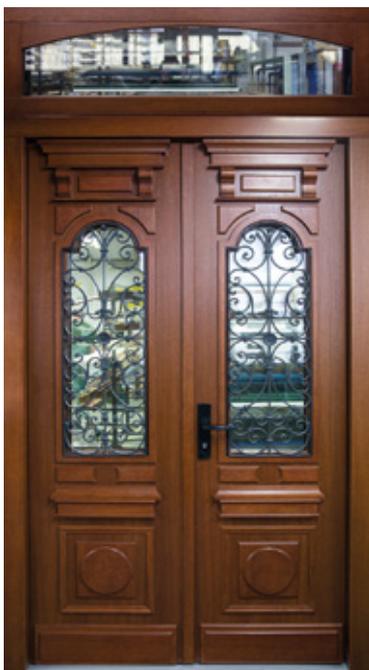
Project 44/3

model: Wiktoria | standard: Thermo | colour: Burgundy (oak) | glazing: clear glass | handle: Jupiter



Project 44/4

model: Fago | standard: Thermo | colour: Winchester (oak) | construction: Double Doors | handle: Diva



Project 44/5

model: custom-made | standard: Thermo | colour: Bongossi Oiled (oak) | glazing: clear glass | handle: Jupiter



Project 44/6

model: custom-made | standard: Thermo | colour: Anthracite (oak) | glazing: sandblasted glass w/ pattern | handle: Solid



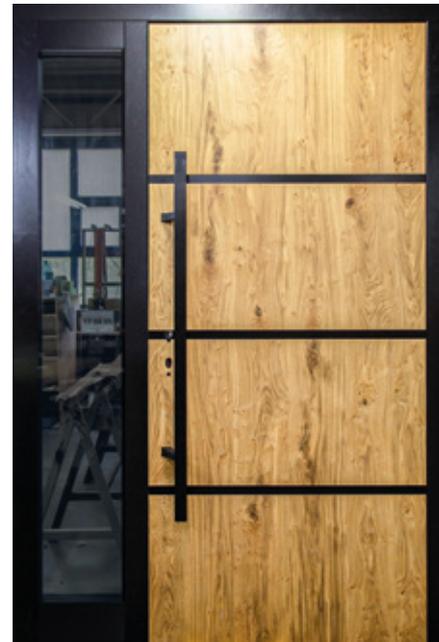
Project 44/7

model: Janis | standard: Thermo | colour: RAL 1023 | glazing: frosted glass | pull bar: straight, angled fix, fingerprint reader



Project 45/1

model: Darwin | standard: Thermo | colour: RAL 5005 (oak) | Single Door with Two Sidelights | glazing: Clear Simulated Divided Lite | handle: Diva



Project 45/2

model: Agawa | standard: Presenta | colour: Winchester (knotty oak) | doorframe: RAL 9005 colour | glazing: Dark Grey glass | pullbar: straight with angled fix



Project 45/3

model: custom door | colour: RAL 7016 (oak) | construction: Double Doors with diamond raised panels | glazing: frosted glass | handle: Solid



Project 45/4

model: Kingston | standard: Thermo | colour: RAL 6027 (oak) | construction: Single Door with Sidelight | glazing: clear glass | handle: Diva



Project 45/5

model: custom door | standard: Comfort | Winchester (oak) | handle: Diva



Project 45/6

model: Wiktoria | standard: Thermo | colours: RAL 7034 (outside), RAL 9016 (inside) | glazing: clear glass | handle: Diva



Project 45/7

model: custom-made | standard: Thermo | colours: RAL 7034 (outside), RAL 9016 (inside) | glazing: brown reflective | handle: Solid



The Colours of Your Door

Sleek and functional doors. Precisely the way you want them to be. Real and well-designed, with a unique grain of natural wood. Superior protection with ecological coatings - woodstained, oiled, or painted.

You can easily find the right colour to add your personal touch to the project or to match the facade's appearance and the building's architecture, as well as other components, such as PVC windows or metal garage doors.

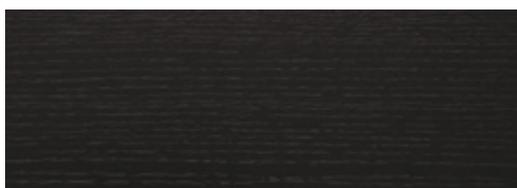
Oak Oiled



Clear Oiled



Winchester Oiled



Anthracite Oiled



Bongossi Oiled



Bleached Oiled



Green

You are choosing wood, a natural material. Due to the printing technique, the colours shown in the catalogue may differ from the actual colours. It is recommended to consult your dealer before the purchase. Due to the variety of structures and colours, there may be differences between the finished product and the colour chart sample. The differences in shades of particular door elements, knots or structure cannot give any grounds for a complaint. They create the unique character of the raw material that wood makes.

Pine



Teak



Walnut

Oak



Teak



Dark teak



Bleached



Old oak



Winchester



Clear



Golden oak



Walnut



Red



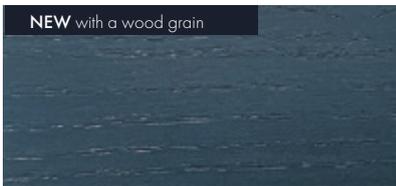
Berkeley | Yellowish



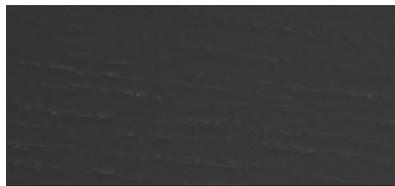
Norton | Greenish



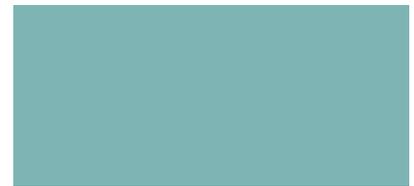
Burgundy



Ultramarine



RAL 7016 Anthracite



RAL 6034 Niebieskawy



RAL 7044 | Greyish



RAL 9016 White



UWAGA: okleina dąb sękaty występuje wyłącznie na skrzydle drzwiowym.



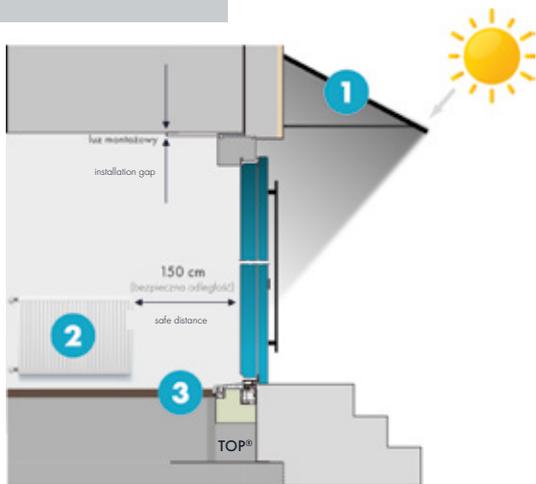
RAL and NCS colour palettes

When you choose a colour from the RAL or NCS palette, for a small extra charge you can have your door painted almost any colour of the world.

Environmentally friendly coating

The CAL coating system is based on waterborne products, which are very durable and yet environmentally safe. The coating system brings out and enhances the natural beauty of wood (optimal transparency) and allows the timber to breathe (vapour permeability). After drying, the coating surface is smooth, strong, and flexible. The differences in colour, grain pattern, and wood structure result from the unique characteristics of wood as a natural raw material. The colour samples shown in this catalogue are for illustrative purposes only because no visualization can fully reflect the appeal of your actual Real wood door.

Take Care of Your Door



1. Door Overhang

Exterior doors should be securely installed in the entryway. A front door overhang provides cover and protection, by sitting directly above the door. This overhang has several essential functions: can offer beneficial shelter against sun, rain, and wind, a bit like an umbrella for your door. In most climates, an overhang is required for wood exterior doors. The climate zone and the direction a door faces also play a critical role in determining an appropriate overhang. The overhang should extend beyond the outline of the open door and provide shading - at midday during the summer season. It is not necessary for doors with aluminum cladding, but still recommended.

2. Heat source

The minimum distance between the radiator and the door should be 150 cm.

3. Installation

Installation in wall openings is possible upon the completion of internal masonry work, and after flooring and plastering have been completed inside the building, and the rooms have been dried to an air humidity of 40-70%.

Tips for the construction time

- Consider installing a temporary door during construction.
- Install doors after the wet construction work has been completed and the rooms have dried out. Leave the rooms open, let them breathe. Do not keep them closed all the time. Ventilate systematically. The first winter, when the house is still damp and construction moisture is being released, is crucial.
- If possible, designate 1 door (not a CAL door) as the primary door for trades. Don't let the CAL door be used as a thoroughfare for building crews, and ideally, don't give keys to random people - you won't have to change the locks when construction is finished.
- Keep your doors clean, especially at this stage (drywall dust is particularly bad). Use the care products recommended by the manufacturer. Use cotton cloths for cleaning. Be mindful that microfiber damages the lacquered coating. Do not use aggressive chemicals or solvents.
- Secure the door for the time necessary to carry out the finishing work around it. Your handcrafted door is an exceptional product, made almost entirely of wood. As such, it is a product that breaths and will absorb and release moisture during and after construction. Care should be taken to reduce the amount of exposure to trades and construction materials (drywall, paint, concrete, etc.) that will release large amounts of moisture into the building. Suitable materials should be used to protect the door during finishing - no longer, however, than for a few days.
- Use cleaning materials that do not react with water-based paints and stains. After removing the protection, take a close look to see if there is any damage that the crew leaving the building site did not tell you about.

Care

Exterior doors require regular care. This applies both to traditional, varnished doors and oiled doors. We recommend our professional door care products: Ottimo Door Care for varnished doors and Osmo for oilwaxed doors.



Ottimo Door Care set for varnished CAL doors



OSMO spray solution for everyday cleaning.
OSMO Natural Oil Woodstain for maintaining and restoring. Coverage 16m²/L

Doorstop

The doorstop serves to limit the opening of the leaf and protect it against hitting the wall or, in extreme cases, breaking the leaf or the doorframe. Install in accordance with the manufacturer's instructions, not closer than at a distance of 2/3 of the leaf's width from the hinges' axis.



Door closer with hold open arm

Supports the operation of the door; helps to open it; prevents the door from being torn out from its frame in windy conditions; limits a too wide opening; allows to block the open leaf as you carry goods into the house.



Door glazing

What will you get at the regular price ?

- Energy Efficiency - triple glazing with the use of Low E glass, Warm Edge Spacers, Argon-filled IGUs (DGU for the Comfort collection)
- Safety & Security - IGUs with laminated safety glass. CAL laminated glass is manufactured by bonding together two sheets of 4mm panes using four 0.38mm PVB interlayers. It is highly manual attack-resistant glazing that will provide adequate protection even when broken. Another significant feature is that if the glass breaks on impact, the pieces will remain bonded to the interlayer, minimizing the risk of injury from flying glass.
- UV protection - solar control glass, like through-tinted, reflective, and selective g-value panes, will reduce the light transmission and control glare



What type of glazing is available as an extra option ?

The one that includes:

- decorative ornamental glass,
- stained glass,
- sandblasted or frosted glass,
- divided lights: muntins, grilles between glass (GBG), true divided lights (TDLs), simulated divided lights (SDLs)
- A one-way mirror limits the visibility from the outside to the inside! It allows to create a high privacy rate inside your home but doesn't limit the visibility from the inside. Note: the better the light to dark contrast, the better the one-way mirror works. When the light on both sides is about the same, the effect is less visible. It is worth knowing that a one-way mirror may distort the reflection.

P4 antiburglary class 2-chamber IGU is a standard in CAL Thermo, Arctic, Presenta and CPH Component doors.

Choose the type of glass



Frosted laminated glass



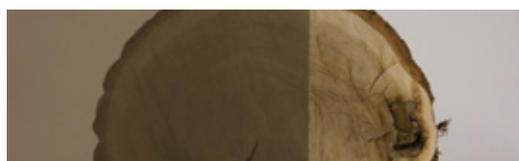
Sandblasted glass w/ clear stripes



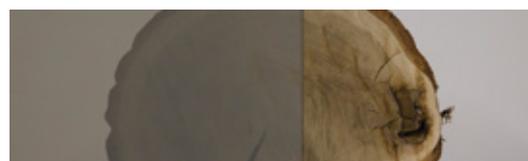
Clear glass



Acid-Etched glass



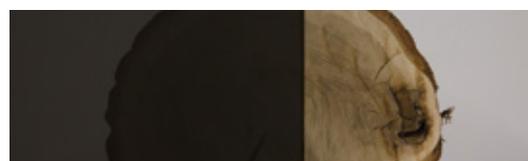
Reflective brown glass



Reflective graphite glass



Stained glass



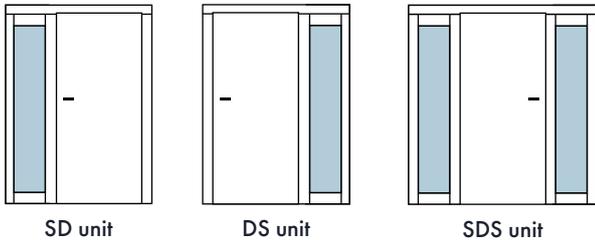
Dark grey glass

Glazing



P4 antiburglary class is a standard option in CAL glazing. Sidelights and transoms meeting RC2 class requirements are available at an extra cost.

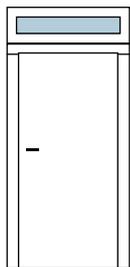
Frame configuration for CAL exterior doors Thermo / Arctic / CPH Component / Presenta standard



SINGLE DOOR FRAME DIMENSIONS WITH SIDELIGHT(S)

Frame configuration	Thermo / Arctic / CPH Component		Presenta	
	Width	Height	Width	Height
SD unit/DS unit	1200-2020	2099-2500	1270-1964	2120-2500
SDS unit	1410-2965	2099-2500	1450-3000	2120-2500

PLEASE NOTE: Sidelight (S), Door (D) symbols characterize the door construction. The image ALWAYS presents the outer side of the door, and the S, D symbols reflect the sequence of the individual part of the door unit from left to right. For example, the „SD unit“ describes the Single Sidelight unit with a glass panel on the left.



TRANSOM DIMENSIONS

Thermo / Arctic / CPH Component		Presenta	
Width	Height	Width	Height
1000-2950	200-1000	1089-2950	270-100

Sidelight structures



Standard option:



Very warm
Triple glazed IGU
 $U_g = 0.5 \text{ W/m}^2\text{K}$



Resilient and safe
P4 security glass can resist an impact by a five-kilogramme hammer



Reflective glass



Warm edge spacer,
black or grey



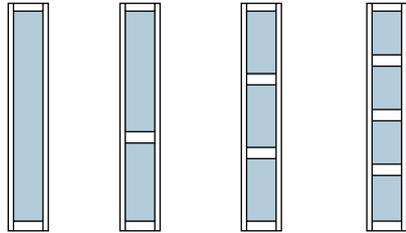
Thermal parameters certificate
meeting the requirements of the 'Fit for 55' EU package



Certified RC2 class

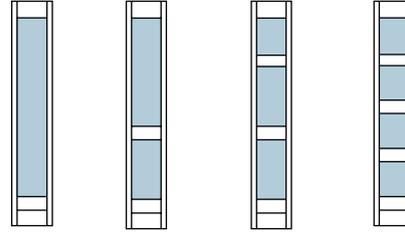
Extra cost option:

N-type sidelight options



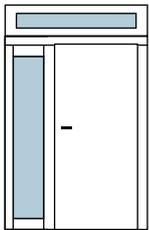
Type N1 Type N2 Type N3 Type N4

T-type sidelight options

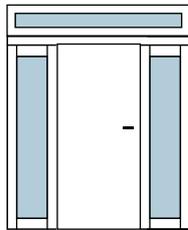


Type T1 Type T2 Type T3 Type T4

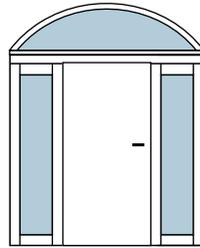
Glazing combination options



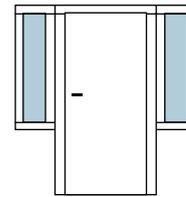
Door with a sidelight and a transom



Door with two sidelights and a transom



Door with two sidelights and an arched transom



Door with flag sidelights

A 90 mm thick panel flushed with a leaf on the outer and inner side (Presenta standard-compliant).

Antiburglary laminated glazing (class P4), Triple glazed, best-in-class warm edge spacer, Low-E coatings and Argon gas to manage solar heat gain. $U_g = 0.5 \text{ W/m}^2\text{K}$

Three concealed hinges

Flush side panel matching door structure with a solid pine or oak frame. On the outer side, waterproof plywood covered with a pine or oak veneer.

PRESENTA type sidelight

Other options

• Cladding types:

- Aluminium
- Quartz sinter
- Quartzite slate

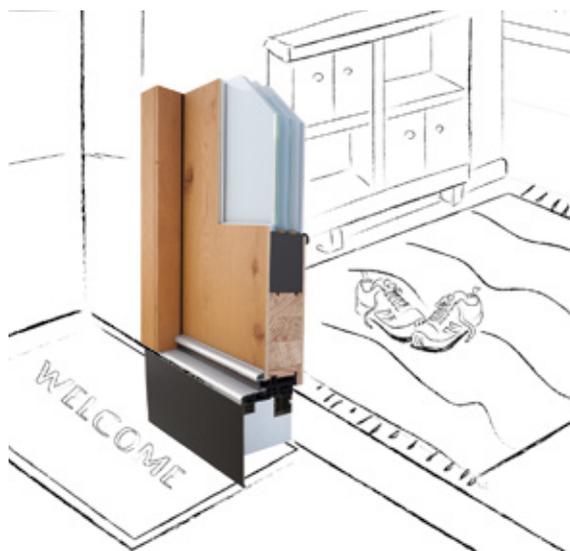
• Glazing types:

- Frosted glass
- Clear glass
- Sandblasted glass
- Dark Grey glass
- One-way mirror*

*A one-way mirror in the sidelights or the leaf may distort the image.

Doors to Serve You for Years

You want the doors of your house not only to be reliable, but also to look beautiful for many years to come. We understand that perfectly. That is why we can suggest a few solutions for you that will definitely improve their lifespan.



Passive thermal threshold with TOP®

Thermal Sub-sill Protection - TOP®

TOP® – ensures sound foundation and reliable installation of the door. At the same time, eliminating thermal bridges contributes to reducing heating consumption in the house.

TOP® Standard maximum size (LWH): 2950mm x 93mm x 80mm

TOP® PRESENTA maximum size (LWH): 2950mm x 55mm x 80

TOP® EXTRA length up to 1830mm, increased by every 100mm. It can be cut to obtain any height within this range.

- XL 200 mm H
- XXL 300 mm H
- XXXL 400 mm H



Thermal threshold with TOP®



“Comfort plus” reinforcement

The system of additional reinforcement of the leaf's frames with aluminium sections.



ISO-BLOCO HYBRATEC 85/6-40

It is a multifunctional joint sealing tape with an integrated sealing foil, designed for fast installation of the door.



ISO-CONNECT Vario SD Complete duo version

It is a universal 100mm wide foil, suitable for sealing both internal and external door connecting joints. All-over adhesive layer plus an adhesive strip to secure the fix and fill foam.

It needs to be noted that polyurethane foams and other insulation materials are not designed for mounting doors but solely for filling and insulating the gaps between the door frame and the wall.

Institute of Construction Technology (ITB) – Manual 421/2016

Electronic access control



Product's name	ekey dLine	Idencom Biokey Basic	UniLock
Purpose	Single-family houses, offices with access control, possibility to connect with a smart home system	Single-family houses, offices with no event registration/access control	Single family houses, offices with access control, houses and apartments for temporary rent
Smartphone application	Android 9.0 or newer iOS 14 or newer	NA	Android 4.4 or newer iOS 13 or newer
Programming/Setting	Application	Pilot application, masterfinger	Application
Remote control	Built-in WiFi	NA	WiFi gateway
Opening methods	Fingerprint reader, remotely via WiFi, Bluetooth, and smart home systems	Fingerprint reader	Fingerprint reader, Bluetooth, RFID, remotely via WiFi, radio remote control, keypad
Number of users	20x4 fingers with an option to add subsequent users	150 fingerprint scans (incl. up to 9 for the masterfinger)	100 fingerprints
Other	Access log, remote diagnostics, temporary access, door opening notifications, two-way connection with smart home systems (may require the purchase of an integration module), Amazon Alexa, Smart Home	Heated reader, high recognition of poorly legible fingerprints	Access log, temporary access, periodic access, Amazon Alexa, Smart Home, door opening notifications, generation of temporary and periodic access codes, the possibility of opening with chips, proximity cards
Dimensions [in mm]	22.3 x 46.8	44.6 x 75.4	40 x 85.5
Temperature range	-25 to +75°C	-20 to +80°C	-30 to +60°C
Humidity resistance	IP 56	IP 65	IP 66
Power supply	12-24 V DC, max 250 mA	12-24 V DC, max 500 mA	12-24 V DC, max 250 mA
Scope of delivery	Reader with a control unit mounted in the door, application to download	Reader with a Black Box mounted in the door, remote control unit to be programmed	Reader with a Black Box mounted in the door, application to download

Additional options

Reed switch with tamper loop
Bolt sensor
Cable duct
Hook position sensor (inductive)
Electric door striker

F6 stainless steel/black 40x40 mm pullbar with a visible/concealed microswitch. Length: 1000/1200/1500/1700/2000 mm
Backlight of a microswitch
Engraving of a bell
LED pullbar lighting

A handle or a pullbar ?



NEW

Basic handle

Finish: Stainless steel, black

Handle
stainless
steel

Rosette
black



NEW

Primary handle

Finish: Stainless steel, black

Handle
black

Rosette
Stainless
steel



Handle
F4 old gold

Handle-knob
F9 titanium

Rosette
F6 stainless
steel



Handle
F4 old gold

Handle-knob
F9 titanium

Rosette
F6 stainless
steel

Handle
F8 black



NEW

Handle
F8 black

Handle-knob
F4 old gold

Rosette
F4 old gold

DIVA handle

Finish: F4, F6, F9

JUPITER handle

Finish: F4, F6, F8, F9

VERONA handle

Finish: F4, F8



Handle
F4 old gold

Handle-knob
F9 titanium

Rosette
F6 stainless
steel

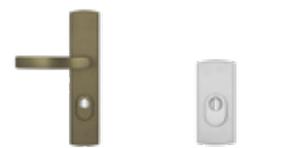


Handle
F4 old gold

Handle-knob
F9 titanium

Rosette
F6 INOX

Handle
F8 black



Handle
F4 old gold

Rosette
F6 stainless
steel

PRESTIGE handle

Finish: F4, F6, F9

SOLID handle

Finish: F4, F6, F8, F9

TORONTO handle

Finish: F4, F6, F9

Handles dedicated to one-sided pullbars



F6 stainless
steel



F4 old gold

F9 titanium

F6 stainless
steel



F8 black



F6 stainless
steel

F8 black

NEW

DIVA SOLO handle

Finish: F6

JUPITER SOLO handle

Finish: F4, F6, F8, F9

JUPITER SOLO handle Electric switch available

Finish: F6, F8



F4 old gold

F6 stainless
steel

F8 black



F4 old gold

F8 black

NEW



Stainless steel



F8 black

NEW

SOLID SOLO handle

Finish: F4, F6, F8

VERONA SOLO handle

Finish: F4, F9

JUPITER half-set handle: lever inside & ring escutcheon outside

Finish: INOX, F8

JUPITER half-set handle lever and an electric switch inside & ring escutcheon outside

Finish: INOX, F8

Oxidized aluminium AXA pullbars

Handle Length: 1000mm/1200mm/1500mm/1700mm (centre to centre fixing : 500/800/1000/1000mm)

Finish: F4 old gold/F6 stainless steel/F8 black



F4



F6



F8



Round
straight fix AOP



Round
angled fix AOS



Rectangular
straight fix APP



Rectangular
angled fix APS

Other pullbars



NEW

VINTAGE
RAL 9005 pullbar

Length: 465 mm

Electric switch available

Attention: For Vintage pullbars from the inner side order a Jupiter SOLO handle without an external rosette.



NEW

VERONA
RAL 9005 pullbar

angled fix
Ø35

Length: 500/1700 mm



RETRO z42
F6 stainless steel
/ RAL 9005
pullbar

straight fix
Ø28

Length: 500/800/
1000 mm



RETRO z43
F6 stainless steel
/ RAL 9005
pullbar

angled fix
Ø28

Length: 500/800/1000 mm



x7zo Z29 model
Finish: F6-stainless steel,
F8-black

Length: 800-2200 mm

Microswitch available
Black is an extra cost option



Q10 40x40
F6 stainless steel
/ RAL 9005
pullbar

Length: 1000/1200/1500/
1700/2000 mm

Visible/concealed
Microswitch available

Other accessories



Chrome, brass, black



Hinge covers



F4 old gold



F9 titanium



F6 stainless
steel



F8 black

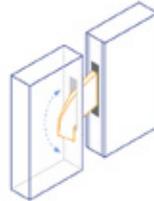
Finish: F4, F6, F9, F8

Winkhaus Multipoint Door Locking Systems



M2.1

Key Turn Activated Multipoint Locking System.



Other features:

- Lever or Key operated
- Three points of locking
- Contact pressure adjustment in a striking plate
- Suitable for double doors
- 92mm PZ Centres
- Tested to RC2

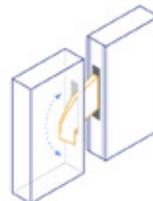
It is standard in Thermo and Comfort door systems.

M2.1.1

Key Turn Activated Multipoint Locking System with the additional upper standalone Euro Profile Deadlock.

Other features:

- Lever or Key operated
- Four points of locking
- Contact pressure adjustment in a striking plate
- 92mm PZ Centres
- Tested to RC2



Option available with a surcharge.



M3.1.1

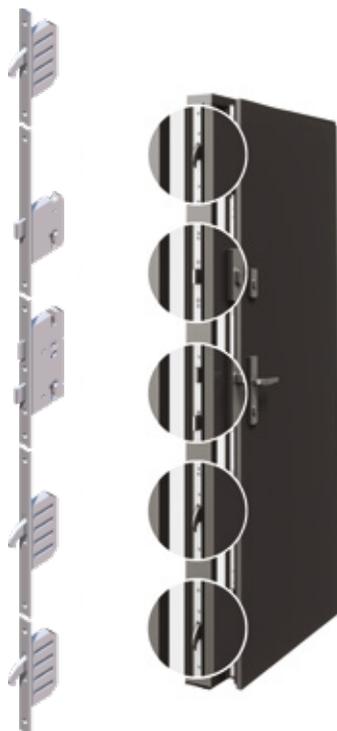
Key Turn Activated Multipoint Locking System with an additional upper standalone Euro Profile Deadlock.

Other features:

- Lever or Key operated
- Five points of locking
- Contact pressure adjustment in a striking plate
- 92mm PZ Centres
- Tested to RC2-RC3



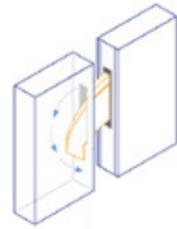
Surcharge-free in the RC3 door system.





AV4D

Security. Tight seal. Convenience. In brief: the Automatic Multipoint Locking System. Self-locking via magnet technology in the frame.



Other features:

- Manual locking of the deadbolt / a complete system possible via profile cylinders
- Easy unlocking by Lever or Key
- Three points of locking
- Contact pressure adjustment in a striking plate
- Suitable for double doors
- 92mm PZ Centres
- Tested to RC2

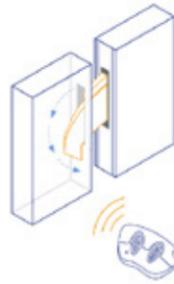
It is standard in Arctic, Presenta, and CPH Component door systems.

eAV4D

The eAV4D lock is not only capable of self-locking mechanically, but it can also unlock them with motorized door openers. Can be operated by all potential-free opening media such as a fingerprint, a smartphone app, or other devices such as an intercom, alarm systems, etc.

Other features:

- Manual locking of the deadbolt / complete system possible via profile cylinders
- Easy unlocking from inside by Lever, Cylinder, or Electric Means
 - Three points of locking
- Contact pressure adjustment in a striking plate
 - Suitable for double doors
 - 92mm PZ Centres
 - Tested to RC2



This option comes factory installed and requires only a connection to a 12 VDC power supply.

IMPORTANT: It should be noted that the deadbolt should not be used with this device as the motor only operates the latches. If the deadbolt is triggered, the only way to unlock the door is with a key. With this option, the use of a pull bar is mandatory (a handle on the outside would defeat the purpose of the E-lock).

Deadbolt Status Sensors

It provides a means of monitoring door status, for example, „door locked,“ „power off,“ „stand by.“ NOTE: By locking the door with the key - you switch off the electricity, and the motorized function is inactive.



	Technical parameters		Dimensions*				Locks				
	Thermal transmittance coefficient U _d [W/m² K]	RC class antiburglary resistance	Leaf thickness [mm]	Jamb size (Width x Thickness) [mm]	Door frame size (Height x Width) [mm]	Rough opening size (Height x Width)	S - Standard Option O - Extra-cost option				
							M2.1	M2.1.1	M3.1.1	AV3	eAV3
Thermo	0.9-1.17	RC2	78-90	105x65	2099x1030	2120x1060	S	O	O	O	O
Arctic	0.58-1.06	RC2	90-102	105x65	2099x1058	2120x1090	S	S	O	S	O
Presenta	0.81-1.07	RC2	90	90x88	2120x1089	2140x1120	S	S	O	S	O
Comfort	<1.3	Equipped as RC2	65	105x65	2099x1030	2120x1060	S	O	O	O	O
CPH	0.68-0.76	RC2	90-102	105x65	2099x1090	2120x1060	S	S	O	S	O

* Standard sizes for a doorframe opening width of 900 mm

S - Standard Option O - Extra-cost option

Custom options

Made to measure	
Jamb(s) thickness 70mm/80mm/88mm	O
Height 1819mm - 2099mm (every 10mm)	S
Height 2110mm - 2500mm (every 10mm)	O
Custom width (max door frame opening width: 1000mm)	O

Painting / Veneer / Cladding	
RAL/NCS finish	O
Dual colour	O
Knotty Oak Veneer (door leaf only)	O
Aluminium cladding for the door frame	O

Glazing	
Reflective brown	S
Reflective graphite	S
Clear	S
Frosted laminated	S
Acid-etched	S
Sandblasted w/ clear stripes	O
One-way mirror	O
Steppe/one-way mirror	O
Tiffany stained glass (came glasswork)	O
English stained glass (foil glasswork)	O

Decorative elements	
Hardwood Glazing Beads (flat 30mmW/7mmH)	O
No routing on the door	S
Custom routing on the door	O
Shifting of the glass	O
Painting stainless steel sheets black	O
Stainless Steel Kick Plate (height: ca. 130 mm)	O
Two-sided decoration	O

S - Standard Option O - Extra-cost option

Ask an expert





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but you
can



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Find out more !

Sylvia Ciszewska
Manufacturer of CAL doors



The photo shows Sylvia Ciszewska with her father Zbigniew Cywiński, the owner of CAL



REAL
DOORS

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