

ELITE

Pivot Catalogue



ELITE PIVOT DOOR

ELITE pivot doors are an innovative architectural feature that combines functionality, aesthetics, and engineering to create a distinctive and impressive element in modern architecture. Their ability to blend seamlessly with various design styles and their adaptability to different spaces make them a captivating choice for many homeowners and architects. Pivot aluminum doors offer several advantages as Modern Aesthetic, Durability, Energy Efficiency, Smooth Operation and Enhanced Security.





UNIQUE STYLE

ELITE pivot doors are known for their sleek and modern appearance. They often feature minimalist designs with large glass panels that allow for a seamless transition between indoor and outdoor spaces. The aluminum frame can be customized to suit various architectural styles. Pivot doors rotate on a central pivot point rather than swinging on hinges attached to the side of the frame. This suspension mechanism allows for a smooth, elegant, and often dramatic opening and closing motion.

SPECIAL EFFECTS

Thiral offers you the ideal design to suit your own aesthetics, with unique applications as Wood Art Effect, Betton Effect, Corten, Black or White security glasses, 3D special designs or aluminum Slats on your entrance aluminium door. Wood Art Effect and Betton effect are special materials which are made from special concrete and both do not need maintenance. Every aluminium pivot door that Thiral manufactures is really special and unique!





PV3000

Color: Wood Art Effect | Black Glass | RAL9005

Handle: Concealed Handle

Decoration: Material Combination | Step Glass

WOOD ART EFFECT





PV2400

Color: RAL7012

Handle: Concealed Handle

Decoration: Four Grooves

PV3600

Color: RAL7021 | B1517

Handle: Flat Handle 1600mm Black

Decoration: Colour Combination





PV1300

Color: RAL6004

Handle: Round Handle 1600mm

Decoration: Grooves

PV1800

Color: RAL7016

Handle: Flat Handle 1600mm

Decoration: Glass | Stainless Steel





PV2200

Color: Black Glass | RAL9005

Handle: Concealed Handle

Decoration: Special Effect

BLACK GLASS



PV1400

Color: RAL8019

Handle: Flat Handle 1600mm

Decoration: Grooves

PV5500

Color: RAL7016

Handle: Concealed Handle

Decoration: Clear Glass with Frame Decor





PV3050

Color: Wood Art Effect | Black Glass | RAL9005

Handle: Concealed Handle

Decoration: Material Combination | Step Glass

PV2900

Color: RAL3004 | RAL9005

Handle: Concealed Handle

Decoration: Assymmetric Lines





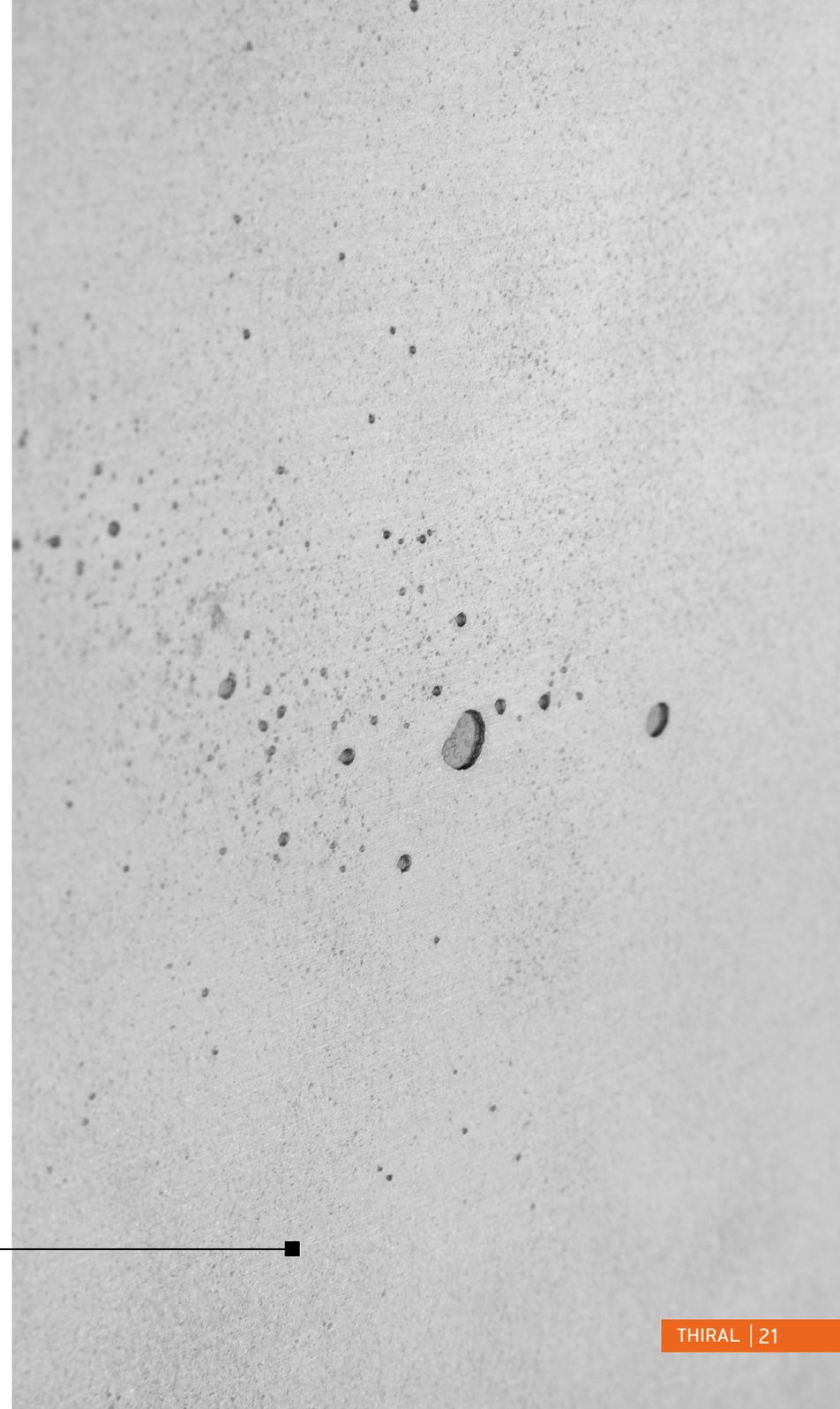
PV3100

Color: Betton Effect | B2222 | RAL7038

Handle: Flat Handle 1 600mm Black

Decoration: Special Effect with Frame Decor

BETTON EFFECT





PV3200

Color: Betton Effect | Black Glass | RAL9005

Handle: Concealed Handle 1800mm

Decoration: Material Combination

PV1250

Color: RAL7016

Handle: Flat Handle 1600mm

Decoration: Clear Glass | Grooves





PV5000

Color: RAL9005

Handle: Round Handle 2600mm

Decoration: Glass

PV4300

Color: Black Glass | RAL9010 | RAL9005

Handle: Concealed Handle 400mm

Decoration: Black Glass Combination





PV4100

Color: Corten | RAL9005

Handle: Concealed Handle

Decoration: Special Effect

CORTEN



PV1600

Color: RAL7016

Handle: Round Handle 1800mm

Decoration: Stainless Steel

PV4200

Color: Corten | RAL7021

Handle: Concealed Handle

Decoration: Corten Combination





42

PV2000

Color: RAL7016

Handle: Concealed Handle

Decoration: Flat Design

PV2000

Color: B1523

Handle: Flat Handle 1600mm Black

Decoration: Flat Design





PV2300

Color: White Glass | RAL9010

Handle: Concealed Handle

Decoration: Special Effect

WHITE GLASS



PV5400

Color: RAL7021

Handle: Flat Handle 1600mm

Decoration: Combination with Clear Glass

PV1500

Color: RAL1013

Handle: Flat Handle 1600mm

Decoration: Grooves





PV2100

Color: B2222 | RAL7016

Handle: Concealed Handle

Decoration: Colour Combination with Frame Decor

PV2100

Color: RAL9005 | RAL9005

Handle: Concealed Handle

Decoration: Frame Decor





PV4700

Color: RAL7012 | RAL9004

Handle: Special Handle Anastasia

Decoration: Flat with Special Handle

PV4700

Color: B1523 | RAL9004

Handle: Special Handle Anastasia

Decoration: Flat with Special Handle





Technical Specifications

- Maximum Door Dimension 2000x3000mm
- On-floor powerful rotation mechanism Pivot hinge with adjustable pins
- Maximum energy efficiency with high thermal insulation coefficient
Ud =0,69 W/m²K
- High levels of thermal insulation with special anti-distortion polyamides 32mm, for improved performance in case of high temperature differences between indoors and outdoors.
- Perimetrical sealing with 2 levels of EPDM gaskets
- Co-planarity between frame and sash
- Low 20 mm threshold provides easy access, suitable for people with disabilities

Thermal Insulation - EN ISO 10077-2	U _d = 0,69 W/m²K (2000x3000mm)
Frame Thickness	113mm
Sash Thickness	113mm
Aluminium Sheet Thickness	3mm
Insulation Thickness	107mm
Rotation Axe from Sash End	250mm



Standard Equipment

- Concealed Handle _____ 1
- Automatic Locking System E607 _____ 2
- Internal Lever Handle E705 _____ 3
- Security Rosette External Stainless Steel E633 _____ 4
- Safety Profile Cylinder with 5 Keys and Card E584 _____ 5
- Pivot Hinge with Adjustable Pins _____ 6



E705
Internal Lever Handle
Chrome Matte



E633
External Security Rosette
Stainless Steel



E584
BKS Security Cylinder
with 5 Keys and Card



Concealed
Handle



E607
Winkhaus Automatic
Three-Fold Lock

External Pull Handles

E410
Stainless Steel

E410B
Black

Straight Flat 40x12mm
400, 500, 600, 800, 1000, 1200,
1400, 1600, 1800mm



E320
Stainless Steel

E320B
Black

Straight Round Handle
600, 800, 1000, 1200, 1400,
1600, 1800mm



E435
Stainless Steel

E435B
Black

Fingerprint, Stainless Steel 40x20mm
800, 1000, 1500mm



E436
Stainless Steel

E436B
Black

Fingerprint, Stainless Steel
800, 1000, 1500mm



E437
Stainless Steel

E437B
Black

Fingerprint, LED, 30x30mm
800, 1000, 1500mm



E425

Special Stainless Steel
1000, 1200, 1400, 1600mm



E430

Stainless Steel with Wood Finish
1200, 1600mm



Concealed External Handle



Internal Lever Handles



Electrical Entry

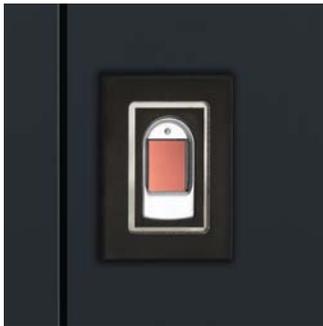
E660

Finger Scanner on Door



E660 BLACK

Finger Scanner on Door



E662

Digital Key Pad



E662 BLACK

Digital Key Pad



Door Configurations

We always see from the outside



10



11



12



13



20



21



22



23

Wood Finishes

B 1215

B 1216

B 1414

B 1417

B 1511

B 1517

B 1519

B 1523



B 1817

B 1916

B 1919

B 2222

B 2425

B 2221

B 2525

B 2626

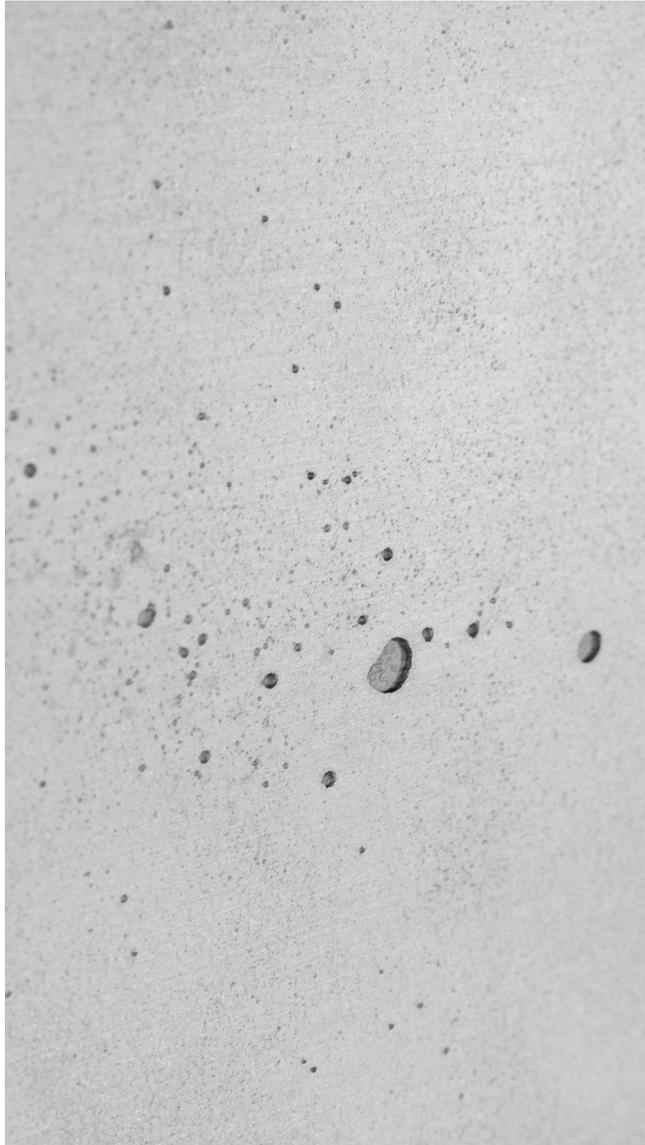
Colours should be checked using the RAL colour chart or wood samples. The resulting colour discrepancies are therefore not a reason for complaint or reimbursement.

Special Effects

WOOD ART



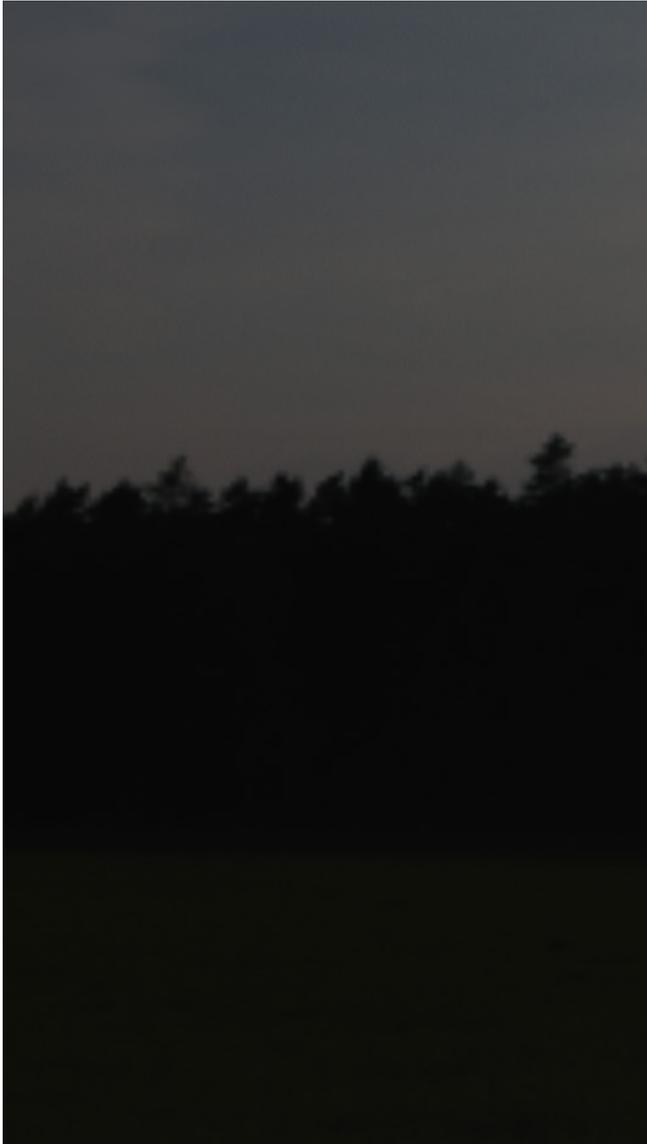
BETTON



CORTEN



BLACK GLASS



WHITE GLASS



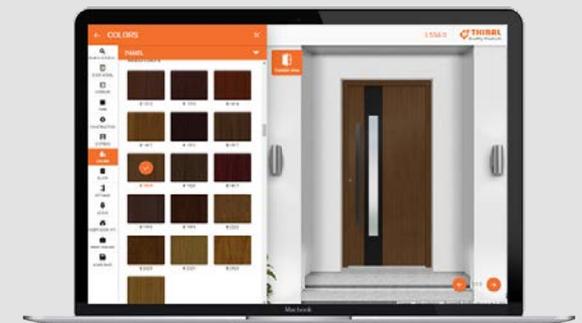
Design your Door Online!

There is a way to imagine a Thiral products placed. But there is also the possibility to see it. With the T-Configurator application you can configure it exactly as you want, but also modify all the visual parameters for the perfect result.

SCAN THE CODE FOR
MORE INFORMATION:



thiral.door-konfigurator.com



Elite Pivot Doors



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PV1300 p.12



PV1400 p.16



PV1500 p.35



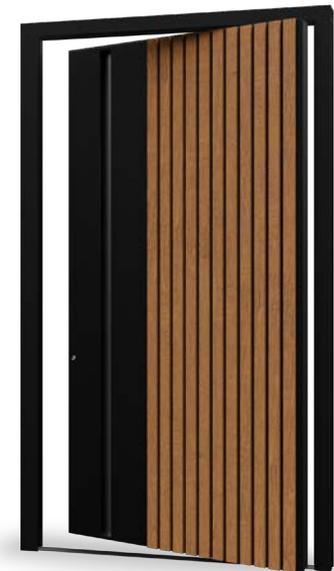
PV1600 p.28



PV1800 p.13



PV2000 p.30-31



PV2100 p.37



PV2200

p.14



PV2300

p.32



PV2400

p.10



PV2900

p.19



PV3000

p.8



PV3050

p.18



PV3100

p.20



PV3200

p.22



PV3600

p.11



PV4100

p.26



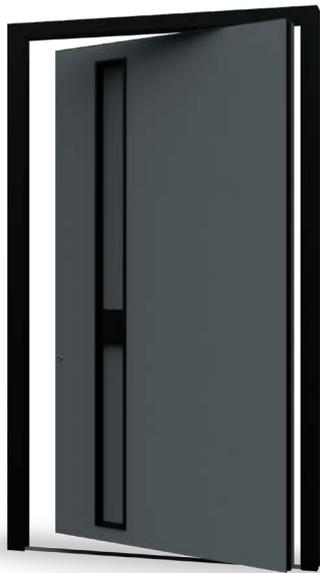
PV4200

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PV4300

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PV4700

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PV5000

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PV5400

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PV5500

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