



**SOLUTION PIVOT
TEHNI S.A.**





THE ESTABLISHMENT, THE EVOLUTION

TEHNI'S HISTORY

TEHNI S.A. was founded in Xanthi in 1988 by Aristides Pantelos.

With a steady upwards course, the company managed to extend its activities by establishing facilities with a total area of 20.000 square meters, in which today it produces Complete Entrance Doors, Panels from Aluminum and PVC Entrance Doors and Anti-mosquito systems.

Through a path of continuous investments, TEHNI managed in the last years to establish itself in the Greek market as the topmost and the quickest evolving enterprise in the aluminum sector.

Today, TEHNI is the largest producer of Aluminum Entrance Doors in Southern Europe, with exports to more than 30 countries worldwide.

Redefining Architectural Design with Affordable Innovation

TEHNI presents the PIVOT SOLUTION, an innovative axial rotation door system that revolutionizes the field of architecture and design. PIVOT SOLUTION supports a multitude of designs and different typologies with side fixed panels, ensuring that any need is met.

Additionally, it is the economic choice in the market, offering high quality and innovation at a more affordable price compared to other pivot doors. Discover the perfect balance between style and functionality with the PIVOT SOLUTION from TEHNI.



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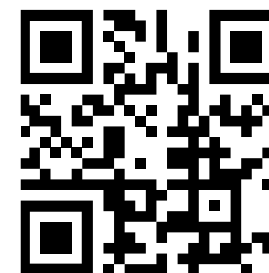
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CNC Engraving

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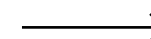
Glass & Inox Decoration

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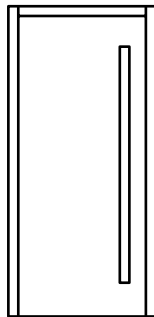
Order Now!

www.pivotdoors.gr

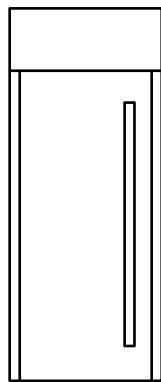




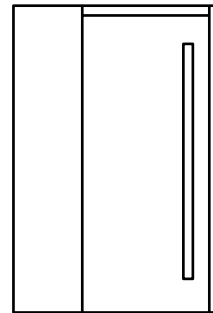
● **Customized construction types...**



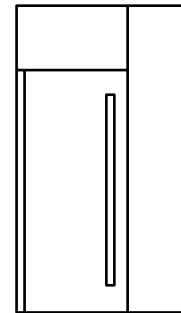
Single door



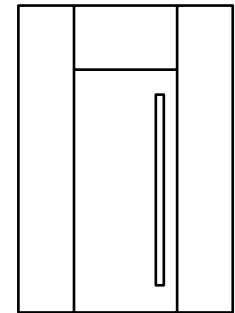
Single door with fixed top part



Single door with side fix part

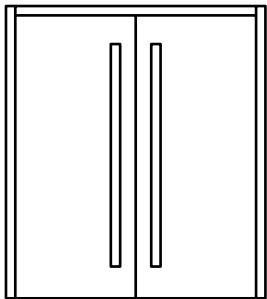


Single door with side and top fixed parts

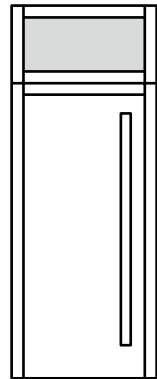


Single door with two side parts and one top fix part

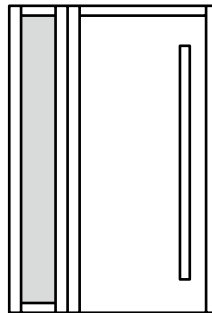
...tailored to your needs. ●



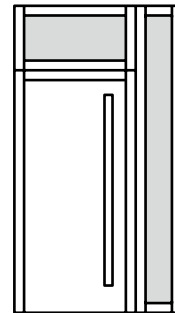
Double door



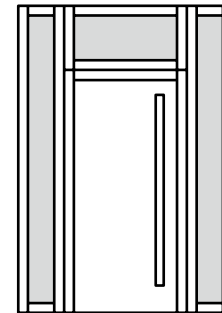
Single door
with skylight



Single door
with sidelight



Single door with
sidelight and skylight



Single door with
Sidelights and Skylight



Solution Pivot Certifications



Burglar Resistance
RC3



Thermal Transmittance (Ud)
Up to 0.76 W/(m².K)



Air Permeability
Class 3



Resistance to Wind Load
Class C3



Watertightness
Class 1A



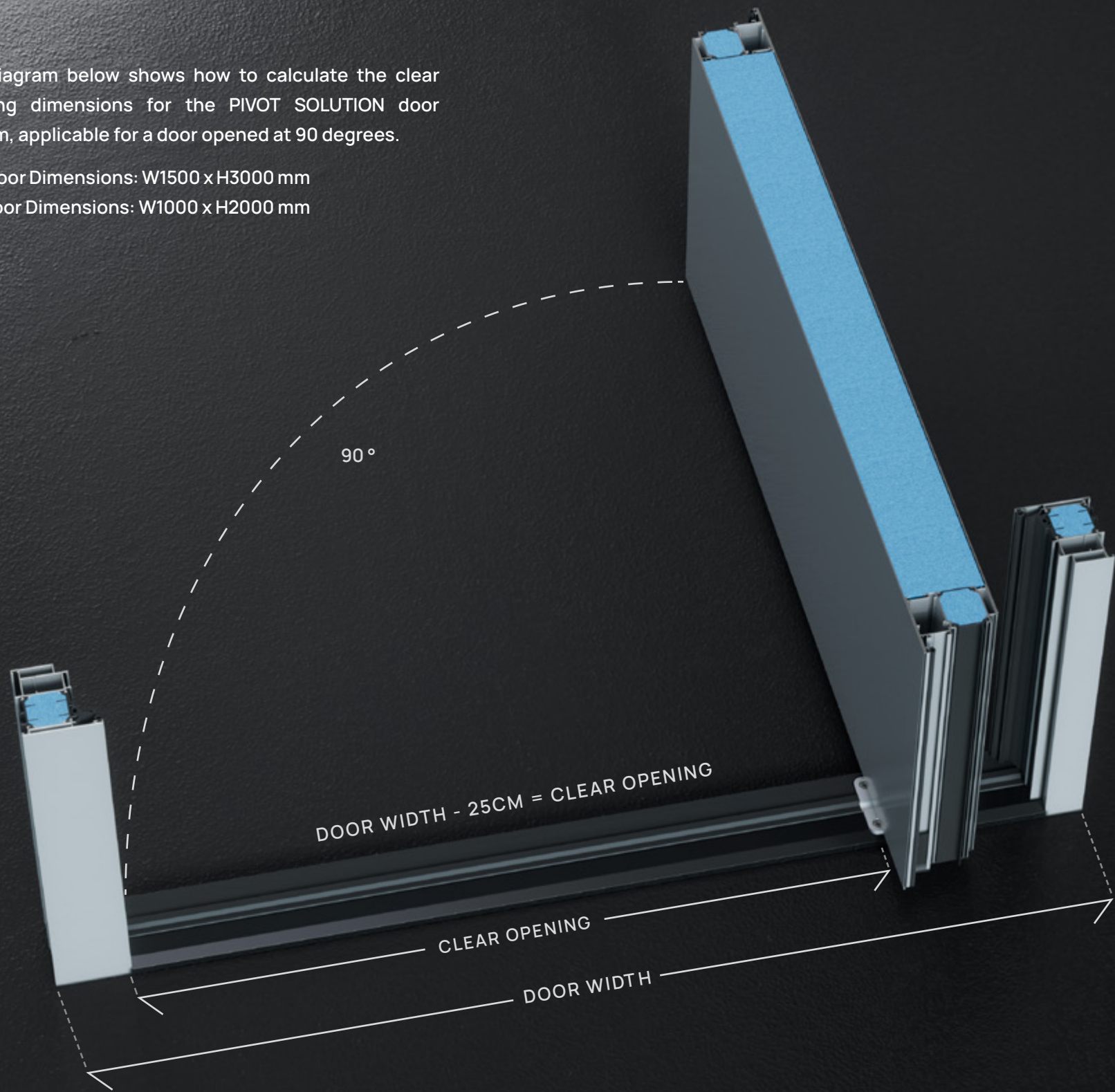
Sound Reduction
31,0 (-1;-4) dB



The diagram below shows how to calculate the clear opening dimensions for the PIVOT SOLUTION door system, applicable for a door opened at 90 degrees.

Max Door Dimensions: W1500 x H3000 mm

Min Door Dimensions: W1000 x H2000 mm



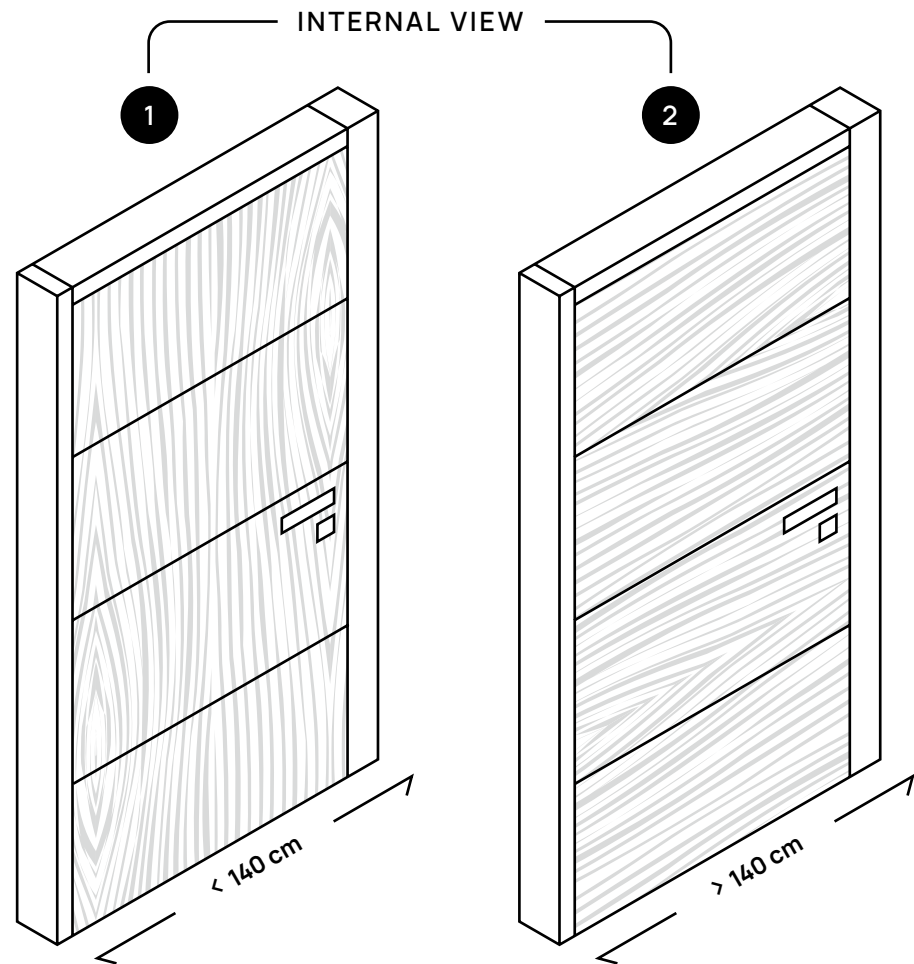
Internal and External Door Design Specifications

Type D.I. (Different Inside)

For designs that can only be applied to the external side of the door, the internal side features three engraved lines.

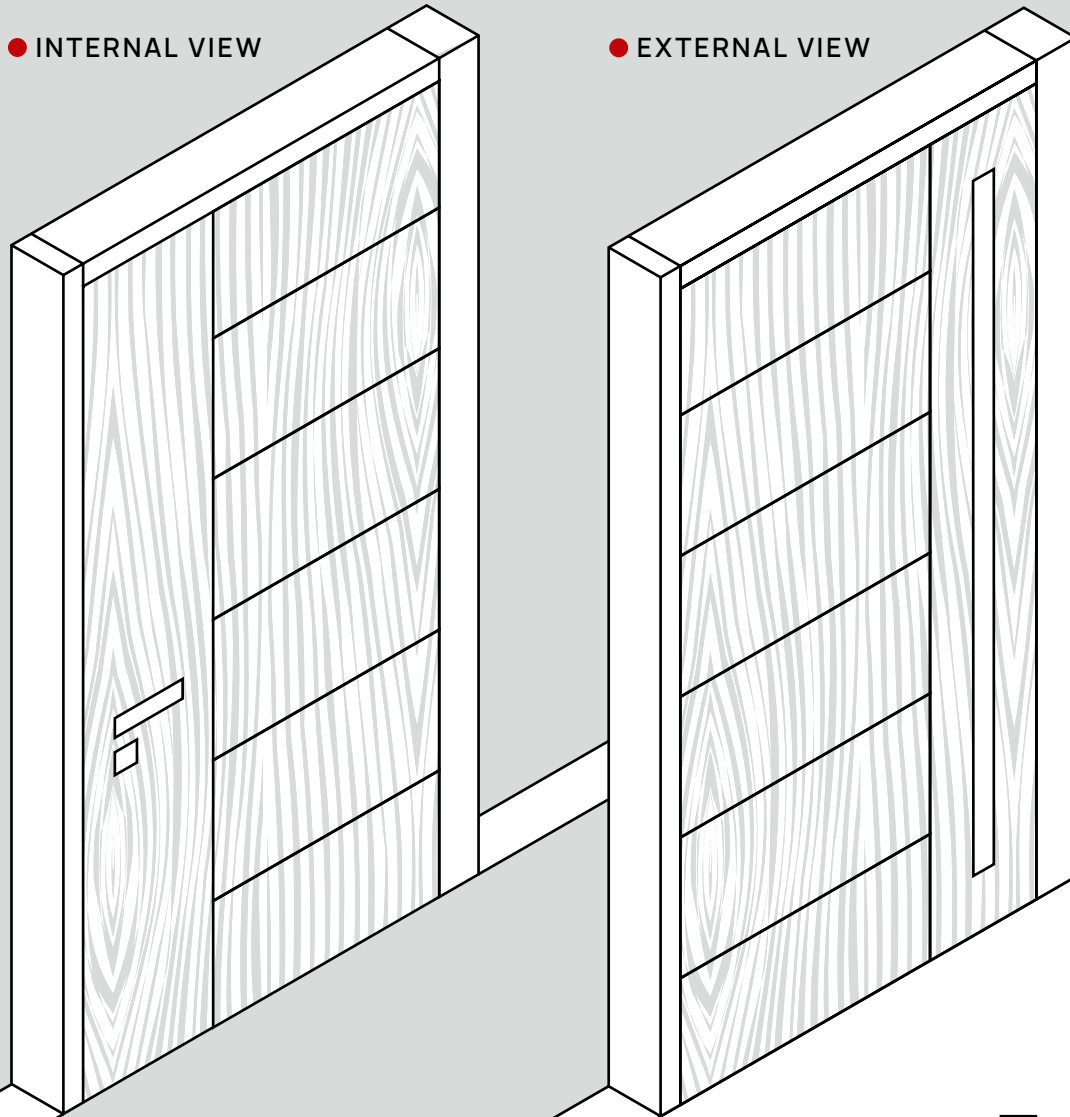
For imitation paint, there are two options for the internal pattern:

- 1) For doors with a width **less than 140 cm**, the internal side features a vertical pattern.
- 2) For doors with a width **greater than 140 cm**, the internal side features a horizontal pattern.



● INTERNAL VIEW

● EXTERNAL VIEW



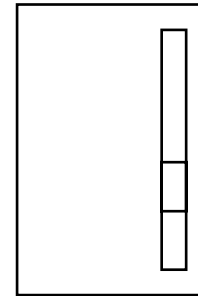
Type S.I. (Same Inside)

Designs of this type can be applied to both sides.



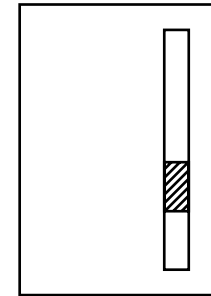
Crypto Duplex Doors

Ideal minimalist aesthetics.



480

Page 18



482

Page 19

Internal Door Design

Type D.I. (Different Inside)

For more detailed information please
see pages 14 and 15.



Door Design

480

Primary Color
RAL 9005

Secondary Color
Wood Imitation T630

External Handle
Crypto Duplex

Handle Decoration
Same color as the door

Wood Color Pattern
Vertical



Design
Specifications



Door Design

482

Primary Color
Wood Imitation T630

Secondary Color
RAL 9005

External Handle
Crypto Duplex

Handle Decoration
Inox Facing

Wood Color Pattern
Vertical



Design
Specifications



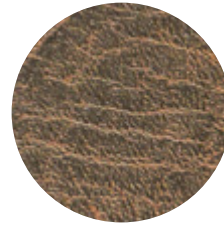


Mystique Edition

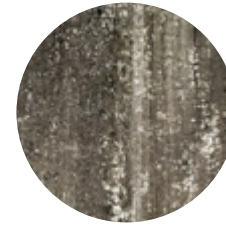
Twelve original eye-catching color textures.
Marble, Leather, Wood and Patina in many variations.

Internal Door Design Type D.I. (Different Inside)

For more detailed information please
see pages 14 and 15.



ME 50 | Brown Leather
Page 22



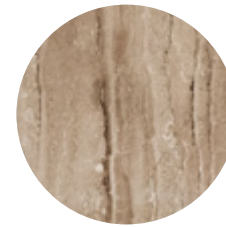
ME 42 | Bark Wood
Page 23



ME 43 | Retro Wood
Page 23



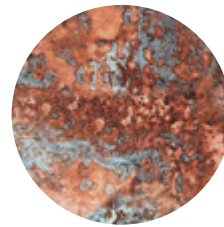
ME 20 | Black Marble
Page 24



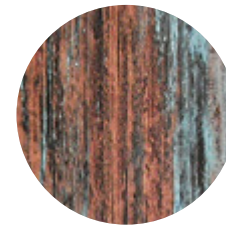
ME 22 | Brown Marble
Page 25



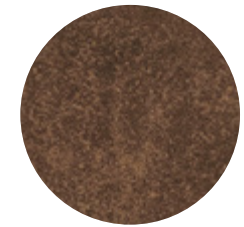
ME 21 | White Marble
Page: 25



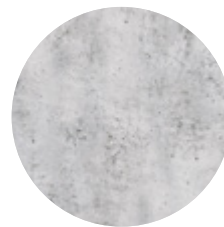
ME 11 | Copper Patina
Page 26



ME 10 | Rustic Patina
Page 27



ME 12 | Corten Patina
Page 27



ME 30 | Concrete Grey
Page 28



ME 40 | Natural Wood
Page 29



ME 41 | Old Wood
Page 29

ME 50 Brown Leather

ME 42 Bark Wood

ME 43 Retro Wood



Design
Specifications

Door Design | ME 50 Brown Leather

Door Facing: ME 50

Frame Color: RAL 9005

External Handle: Crypto Full Height

External Handle Color: RAL 9005

Sidelight: Sandblasted Glass



Design Specifications

Door Design | **ME 42 Bark Wood**

Door Facing: ME 42

Frame Color: RAL 9005

External Handle: Crypto Full Height

External Handle Color: RAL 9005



Design Specifications

Door Design | **ME 43 Retro Wood**

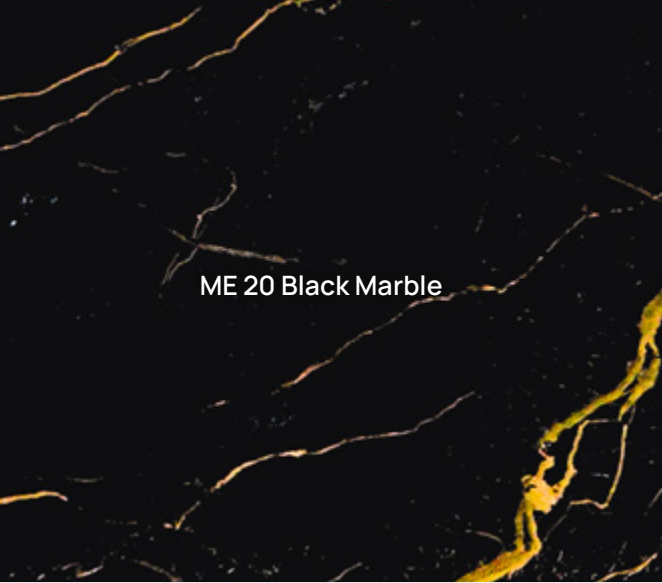
Door Facing: ME 43

Frame Color: RAL 9005

External Handle: Vision

External Handle Color: Black

Access Control: Handle with Integrated Fingerprint Reader



ME 20 Black Marble



ME 22 Brown Marble



ME 21 White Marble



Design
Specifications

Door Design | ME 20 Black Marble

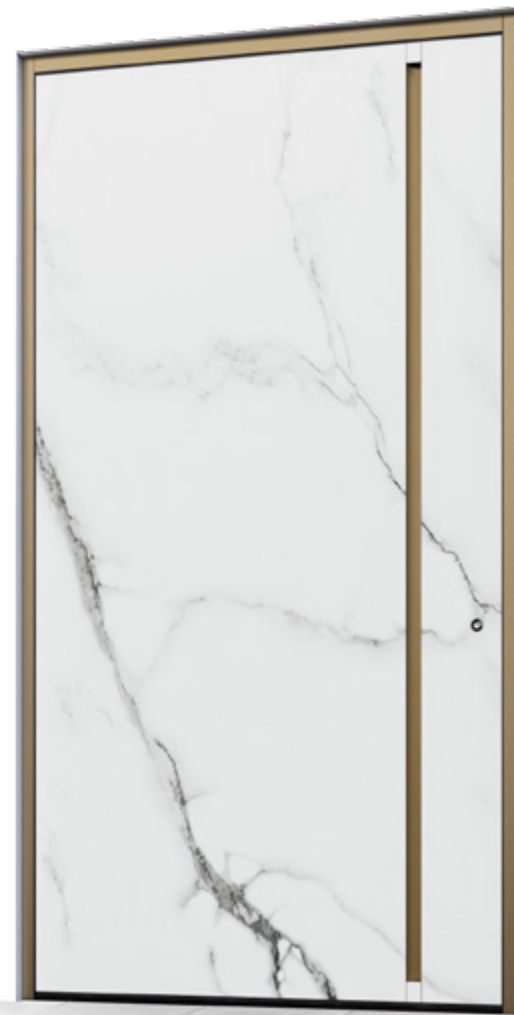
Door Facing: ME 20

Frame Color: ORO 011

External Handle: Crypto Full Height

External Handle Color: ORO 011

Sidelight: Sandblasted Glass



Design
Specifications

Door Design | ME 22 Brown Marble

Door Facing: ME 22

Frame Color: RAL 7006

External Handle: Crypto Full Height

External Handle Color: RAL 7006



Design
Specifications

Door Design | ME 21 White Marble

Door Facing: ME 21

Frame Color: ORO 011

External Handle: Crypto Full Height

External Handle Color: ORO 011

ME 11 Copper Patina

ME 10 Rustic Patina

ME 12 Corten Patina



Design
Specifications

Door Design | ME 11 Copper Patina

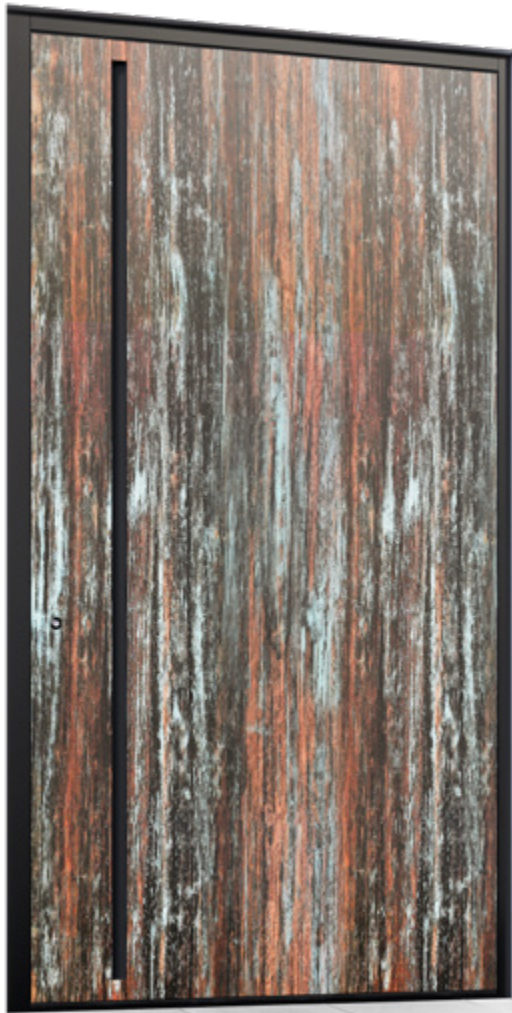
Door Facing: ME 11

Frame Facing: ME 11

External Handle: Crypto Full Height

External Handle Color: Anodized Coating

Sidepart: ME 11 Facing



Design
Specifications

Door Design | **ME 10 Rustic Patina**

Door Facing: ME 10

Frame Color: RAL 9005

External Handle: Crypto Full Height

External Handle Color: RAL 9005



Design
Specifications

Door Design | **ME 12 Corten Patina**

Door Facing: ME 12

Frame Color: RAL 9005

External Handle: Crypto Full Height

External Handle Color: RAL 9005

ME 30 Concrete Grey

ME 40 Natural Wood

ME 41 Old Wood



Design
Specifications

Door Design | **ME 30 Concrete Grey**

Door Facing: ME 30

Frame Facing: ME 30

External Handle: Vision with Mystique Facing

External Handle Color: ME 30

Sidepart: ME 30 Facing

Access Control: Handle with Integrated Fingerprint Reader



Design
Specifications

Door Design | ME 40 Natural Wood

Door Facing: ME 40

Frame Color: RAL 9005

External Handle: Soft Touch

External Handle Color: RAL 9005



Design
Specifications

Door Design | ME 41 Old Wood

Door Facing: ME 41

Frame Color: RAL 9005

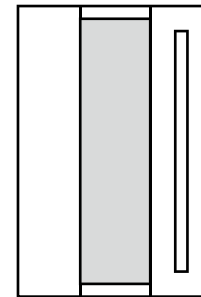
External Handle: Crypto Full Height

External Handle Color: RAL 9005



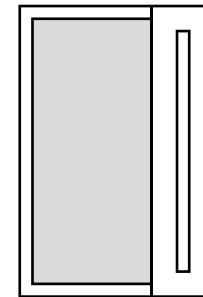
Hybrid

A door that harmoniously combines aluminum with glass.



485

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486

Page 33

Internal Door Design

Type S.I. (Same Inside)

For more detailed information please see pages 14 and 15.

Door Design

485

Door Color
RAL 7016

External Handle
Vision, Aluminium Facing

External Handle Color
RAL 7016

Access Control
Handle with Integrated
Fingerprint Reader

Door Dimensions
2500 x 1500 mm

Glass Dimensions
2275 x 430 mm

Glass
Sandblasted



Wood
Color
Pattern
Vertical



Design
Specifications



Wood
Color
Pattern
Vertical



Door Design

486

Door Color
RAL 9005

External Handle
Crypto Full Height

External Handle Color
RAL 9005

Access Control
Door with Integrated
Fingerprint Reader

Door Dimensions
2500 x 1500 mm

Glass Dimensions
2275 x 760 mm

Glass
Sandblasted

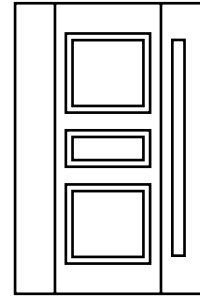


Design
Specifications



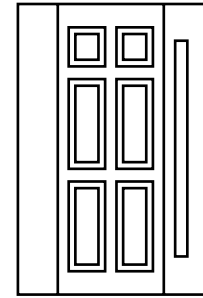
Traditional

Designs based on the style of vintage wooden doors.
Traditional look with modern materials.



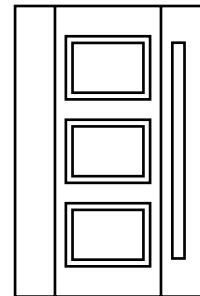
487

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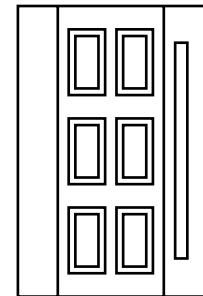
488

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489

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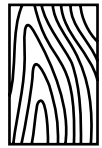
490

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Internal Door Design

Type S.I. (Same Inside)

For more detailed information please
see pages 14 and 15.



Wood
Color
Pattern
Vertical



Wood
Color
Pattern
Vertical



Design
Specifications

Door Design | 487

Door Color: RAL 9005

External Handle: Bar

External Handle Color: Silver



Design
Specifications

Door Design | 488

Door Color: 7005

Frame Color: RAL 9005

External Handle: Vision, Aluminium Facing

External Handle Color: RAL 9005

Access Control: Handle with Integrated Fingerprint Reader



Wood
Color
Pattern
Vertical



Design
Specifications

Door Design | 489

Door Color: RAL 9006

External Handle: Bar

External Handle Color: Silver

Sidelight: Sandblasted Glass



Door Design

490

Door Color
RAL 9005

External Handle
Blade

External Handle Color
Silver

Sidelight
Sandblasted Glass

Access Control
Door with Integrated
Fingerprint Reader

Wood Color Pattern
Vertical



Design Specifications





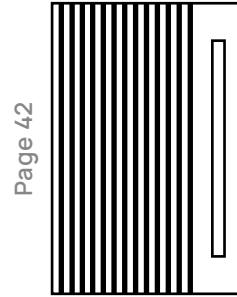
Tube Doors

Aluminium bars of various dimensions create unique patterns on the door surface.

Internal Door Design

Type D.I. (Different Inside)

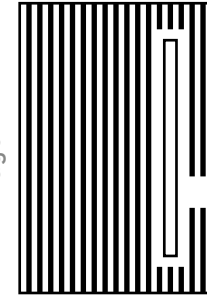
For more detailed information please see pages 14 and 15.



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458

Tube W20 x H20 mm



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454

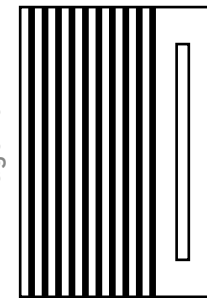
Tube W20 x H20 mm



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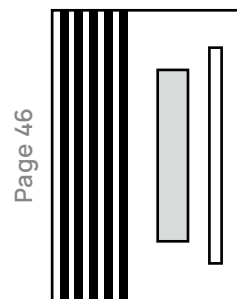
Tube W40 x H40 mm



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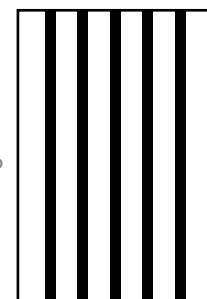
Tube W40 x H40 mm



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476

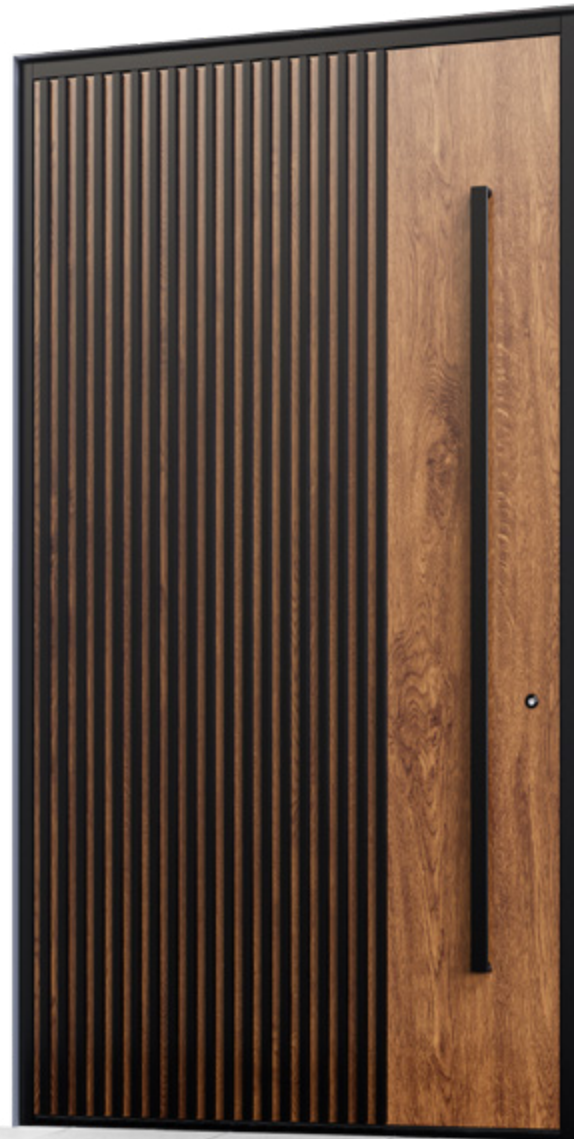
Tube W60 x H20 mm



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Tube W80 x H50 mm



Door Design

458

Door Color
T630

Frame Color
RAL 9005

Tube Dimensions
W20 x H20 mm

Tube Color
RAL 9005

External Handle
Soft Touch, Black

Wood Color Pattern
Vertical



Design
Specifications



Door Design

454

Door Color
RAL 9005

Frame Color
RAL 9005

Tube Dimensions
W20 x H20 mm

Tube Color
T630

External Handle
Bar, Black

Wood Color Pattern
Vertical



Design
Specifications



Door Design

462

Door Color
RAL 9005

Tube Dimensions
W40 x H40 mm

Tube Color
RAL 7043

External Handle
Vision, Aluminium Facing

External Handle Color
RAL 7043

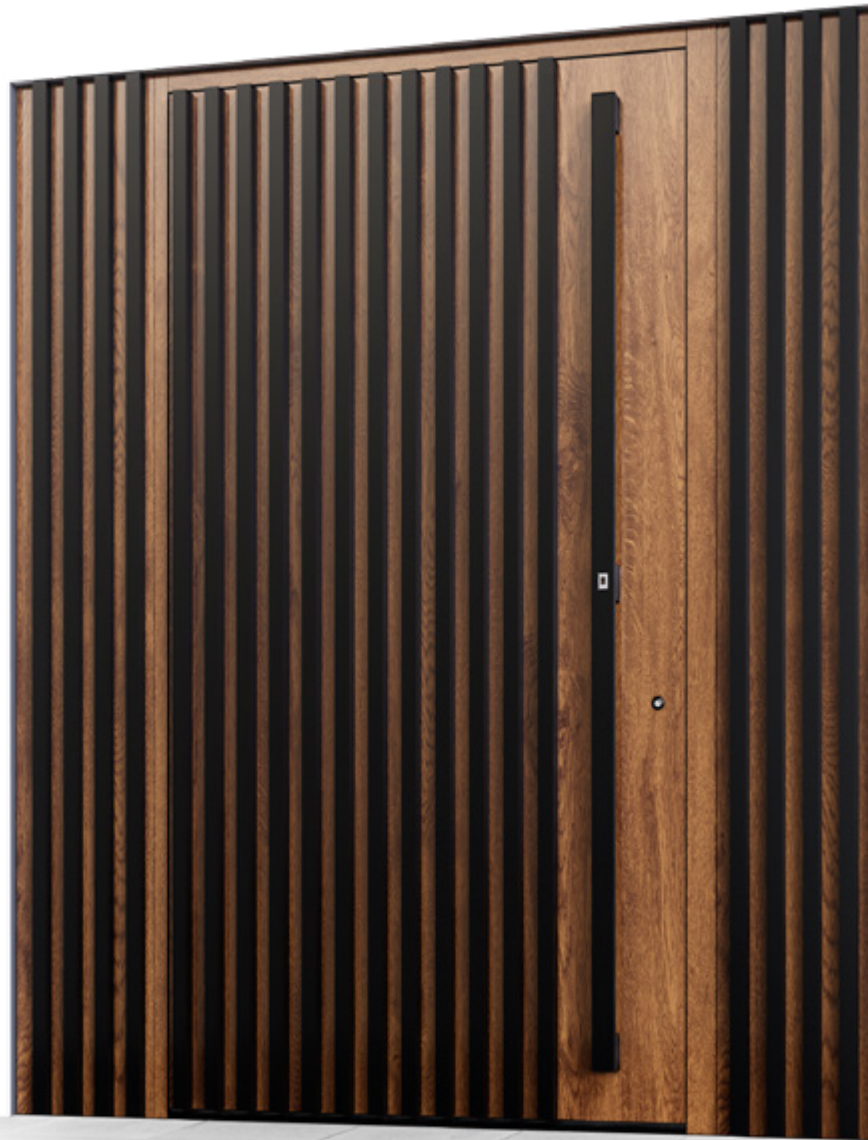
Access Control
Handle with Integrated
Fingerprint Reader



Wood
Color
Pattern
Vertical



Design
Specifications



Door Design

468

Door Color
T630

Tube Dimensions
W40 x H40 mm

Tube Color
RAL 9005

External Handle
Vision, Aluminium Facing

External Handle Color
RAL 9005

Access Control
Handle with Integrated
Fingerprint Reader



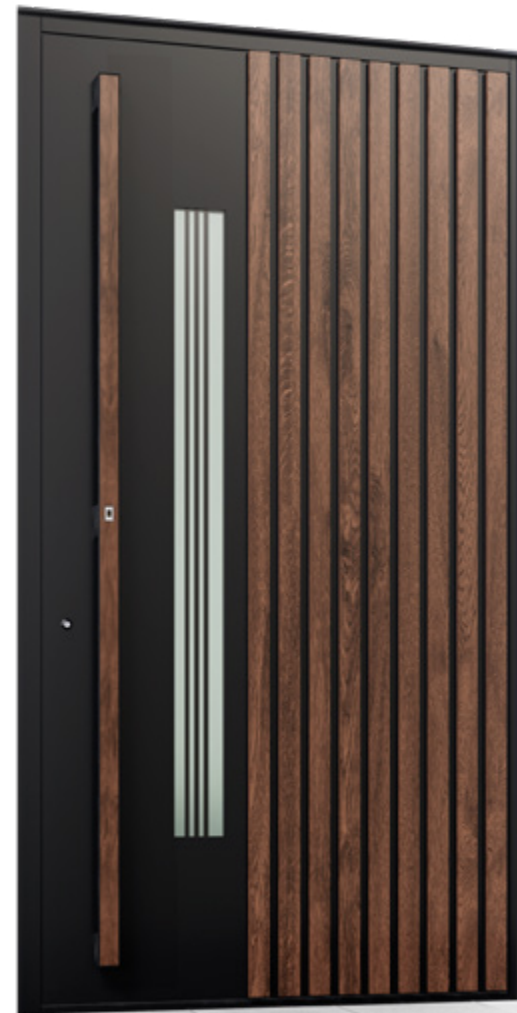
Wood
Color
Pattern
Vertical



Design
Specifications



Wood
Color
Pattern
Vertical



Design
Specifications

Door Design | 476

Door Color: RAL 9005

Tube Color: T631

Tube Dimensions: W60 x H20 mm

External Handle: Vision, Aluminium Facing

External Handle Color: T631



Wood
Color
Pattern
Vertical



Design
Specifications

Door Design | 478

Door Color: RAL 7005

Tube Color: T630

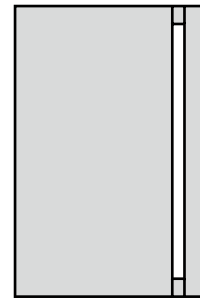
Tube Dimensions: W80 x H50 mm

External Handle: Tube W80 x H50 mm

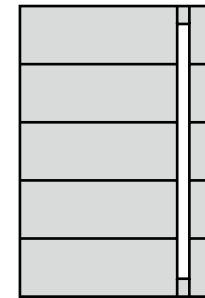


Crystal Facing

Black or White external glass facing.
The sense of luxury.



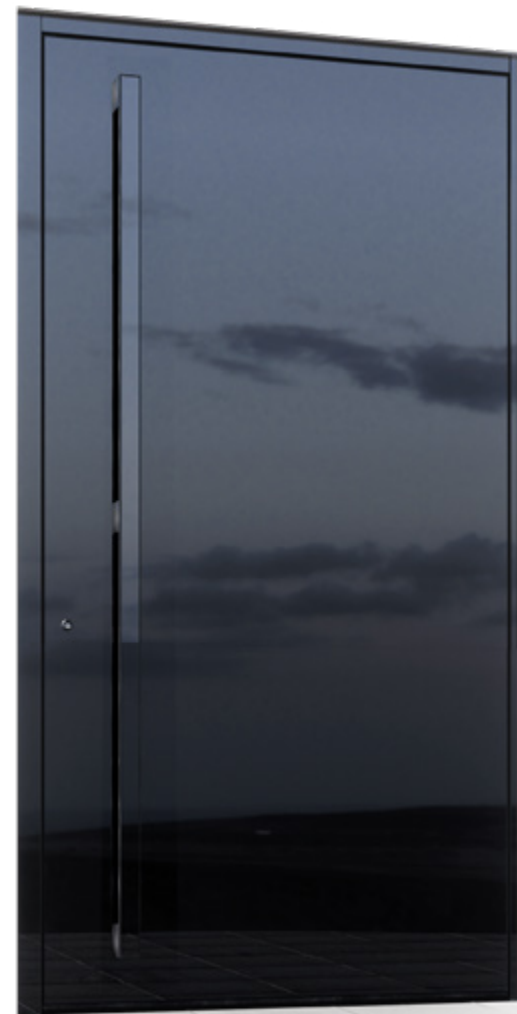
400 Flat Design
Page 50



402 Four Horizontal Lines
Page 51

Internal Door Design **Type D.I. (Different Inside)**

For more detailed information please
see pages 14 and 15.



Design
Specifications

Door Design | 400

Facing: Black Glass

External Handle: Vision

External Handle Facing: Black Glass



Design
Specifications

Door Design | 402

Facing: White Glass

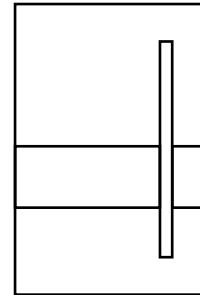
External Handle: Crypto Full Height

External Handle Color: Anodized Coating



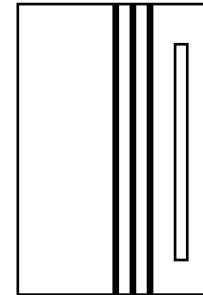
Bi-Color

Two color combination on the external door side give a special aesthetic effect.



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Page 54



440

Page 55

Internal Door Design

Type D.I. (Different Inside)

For more detailed information please see pages 14 and 15.



Wood
Color
Pattern
Horizontal



Design
Specifications

Door Design | 416

Primary Color: T630

Secondary Color: T885 Carbon Imitation

External Handle: Vision, Aluminium Facing

External Handle Color: RAL 9005

Access Control: Handle with Integrated Fingerprint Reader



Wood
Color
Pattern
Vertical



Design
Specifications

Door Design | 440 (Inox Decoratives)

Primary Color: RAL 7016

Secondary Color: T885 Carbon Imitation

External Handle: Soft Touch Inox



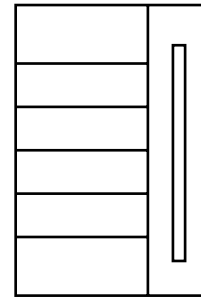


CNC Engraving

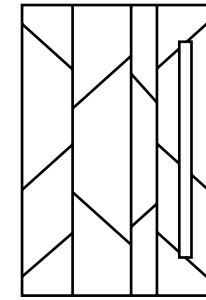
Creative designs, made with CNC engraving.
The perfection of simplicity.

Internal Door Design Type S.I. (Same Inside)

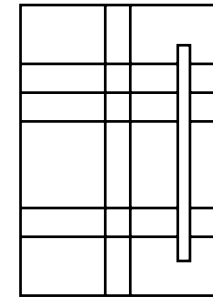
For more detailed information please
see pages 14 and 15.



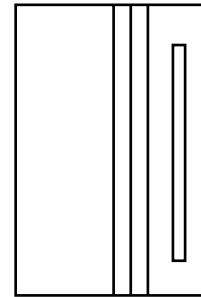
410
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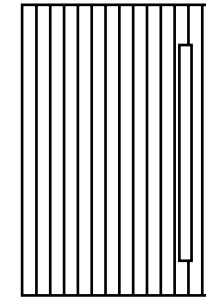
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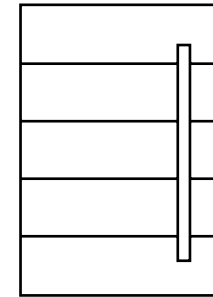
404
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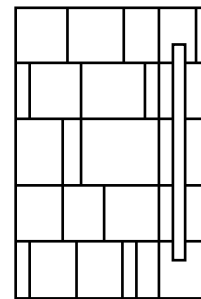
412
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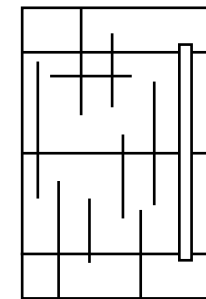
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Door Design

410

Door Color
T875

Frame Color
RAL 9005

External Handle
Soft Touch

External Handle Color
RAL 9005

Access Control
Handle with Integrated
Fingerprint Reader



Wood
Color
Pattern
Vertical



Design
Specifications



Door Design

491

Door Color
RAL 9006

External Handle
Soft Touch

External Handle Color
RAL 9005



Design
Specifications



Wood
Color
Pattern
Vertical



Wood
Color
Pattern
Vertical



Design
Specifications

Door Design | 404

Door Color: RAL 9006

External Handle: Bar

External Handle Color: Silver



Design
Specifications

Door Design | 412

Door Color: RAL 7039

External Handle: Crypto Full Height

External Handle Color: Anodized Coating



Wood
Color
Pattern
Vertical



Design
Specifications

Door Design | 483

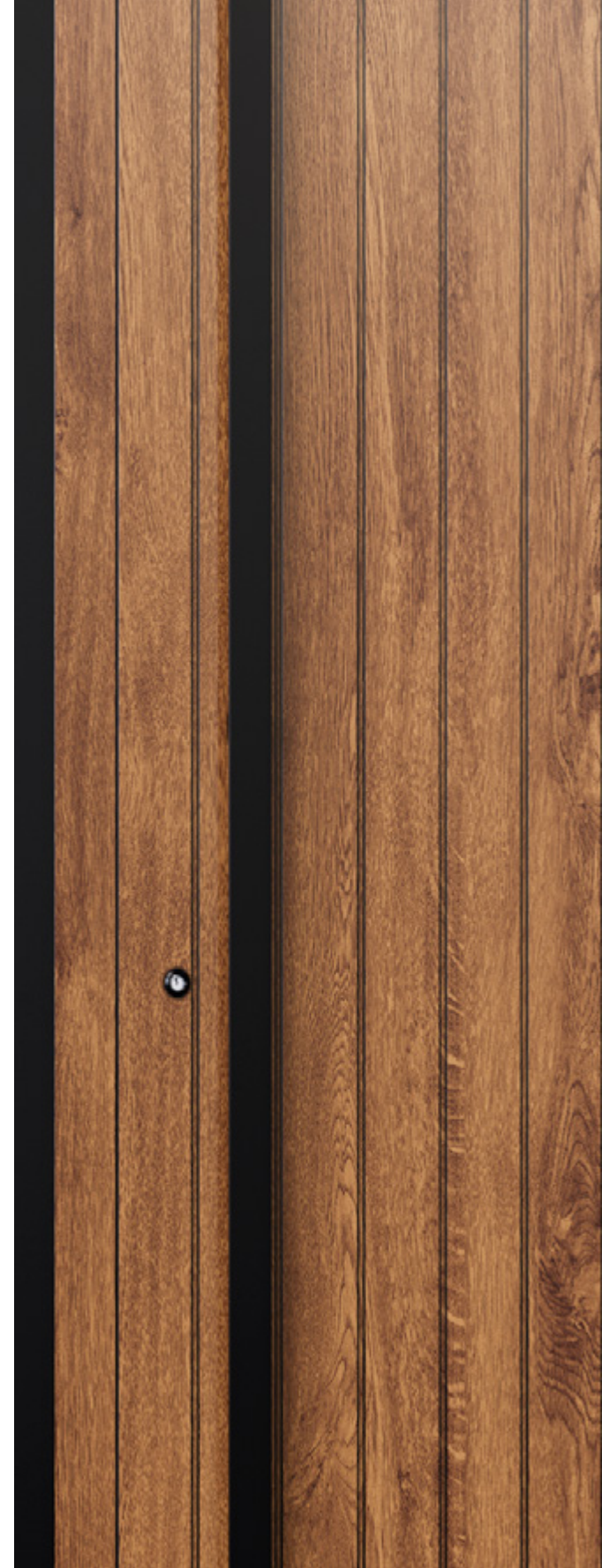
Door Color: T630

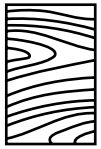
Sidelight: Sandblasted Glass

Sidelight Frame Color: RAL 9005

External Handle: Blade

External Handle Color: Black

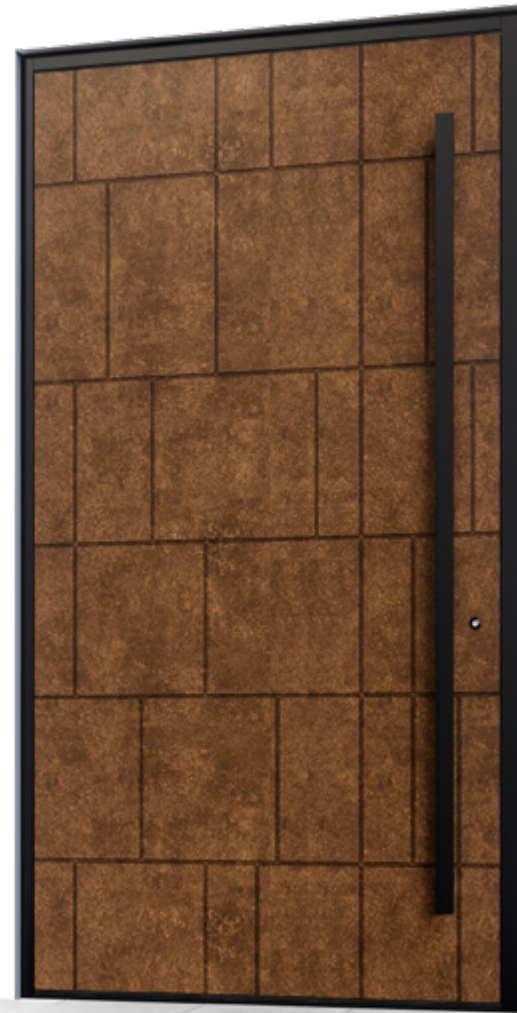




Wood
Color
Pattern
Horizontal



Wood
Color
Pattern
Horizontal



Design
Specifications

Door Design | 406

Door Color: RAL 7039

External Handle: Blade

External Handle Color: Silver



Design
Specifications

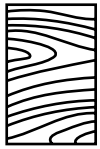
Door Design | 408

Door Color: T890 Corten

Frame Color: RAL 9005

External Handle: Blade

External Handle Color: Black



Wood
Color
Pattern
Horizontal



Design
Specifications

Door Design | 414

Door Color: T630

External Handle: Vision, Aluminium Facing

External Handle Color: RAL 9005

Access Control: Handle with Integrated Fingerprint Reader

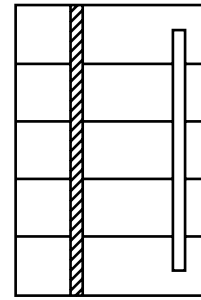


Glass & Inox Decoration

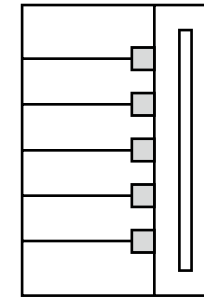
Stainless steel decoratives and safety glasses that upgrade the door design.

Internal Door Design Type S.I. (Same Inside)

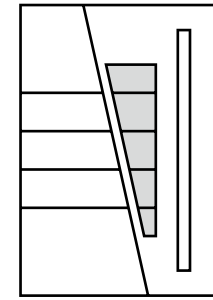
For more detailed information please see pages 14 and 15.



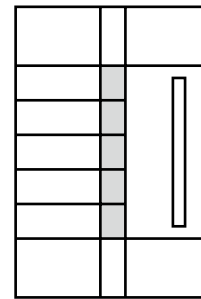
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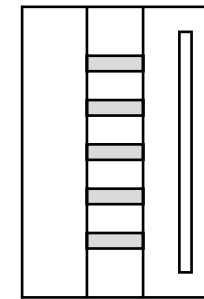
432
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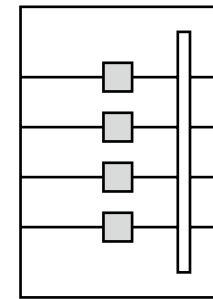
418
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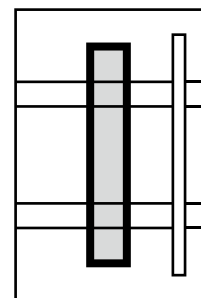
422
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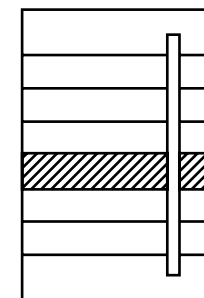
426
Page 69



424
Page 70



444
Page 70



442
Page 71



Wood
Color
Pattern
Vertical



Design
Specifications

Door Design | 438 (Inox Decoratives)

Door Color: RAL 7016

External Handle: Vision, Aluminium Facing

External Handle Color: RAL 9005

Access Control: Handle with Integrated Fingerprint Reader



Wood
Color
Pattern
Vertical



Wood
Color
Pattern
Vertical



Design
Specifications

Door Design | 432

Door Color: RAL 7024

Frame Color: RAL 9005

External Handle: Crypto Full Height

External Handle Color: RAL 9005



Design
Specifications

Door Design | 418

Door Color: RAL 7004

Frame Color: RAL 9005

External Handle: Bar

External Handle Color: Black



Door Design

422

Door Color
RAL 7005

External Handle
Soft Touch

External Handle Color
RAL 9005

Sidelight
Sandblasted Glass with Design

Sidelight Frame Color
RAL 9005

Access Control
Door with Integrated
Fingerprint Reader



Wood
Color
Pattern
Vertical



Design
Specifications



Door Design

426

Door Color
T631

Frame Color
RAL 9005

External Handle
Vision, Aluminium Facing

External Handle Color
RAL 9005

Access Control
Handle with Integrated
Fingerprint Reader

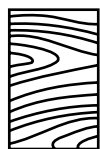


Wood
Color
Pattern
Vertical

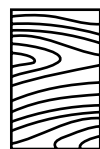


Design
Specifications





Wood
Color
Pattern
Horizontal



Wood
Color
Pattern
Horizontal



Design
Specifications

Door Design | 424

Door Color: RAL 7037

External Handle: Bar

External Handle Color: Silver



Design
Specifications

Door Design | 444

Door Color: RAL 9005

External Handle: Soft Touch

External Handle Color: RAL 9005



Wood
Color
Pattern
Horizontal



Design
Specifications

Door Design | **442 (Inox Decoratives)**

Door Color: T630

Door Decoration: Inox Facing

External Handle: Vision, Inox Facing

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