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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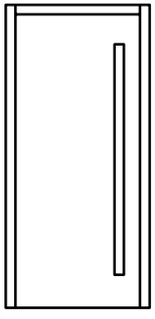
Order Now!

www.pivotdoors.gr

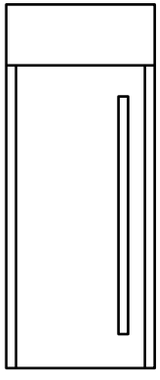




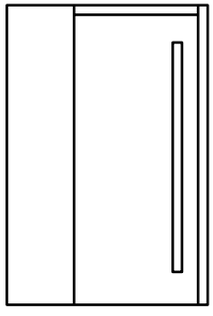
Customized construction types...



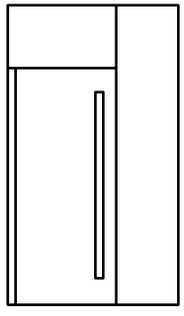
Single door



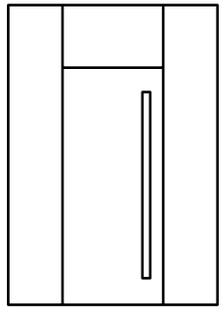
Single door with fixed top part



Single door with side fix part

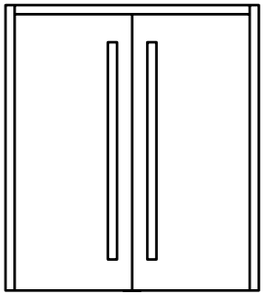


Single door with side and top fixed parts

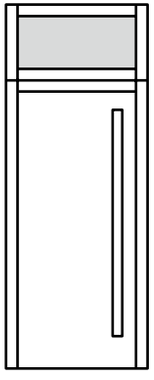


Single door with two side parts and one top fix part

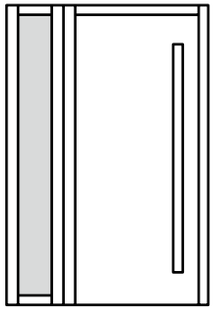
...tailored to your needs.



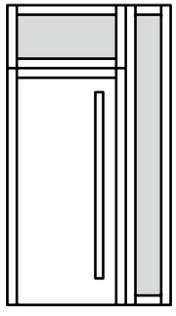
Double door



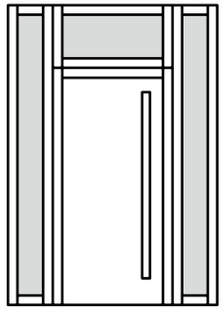
Single door
with skylight



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

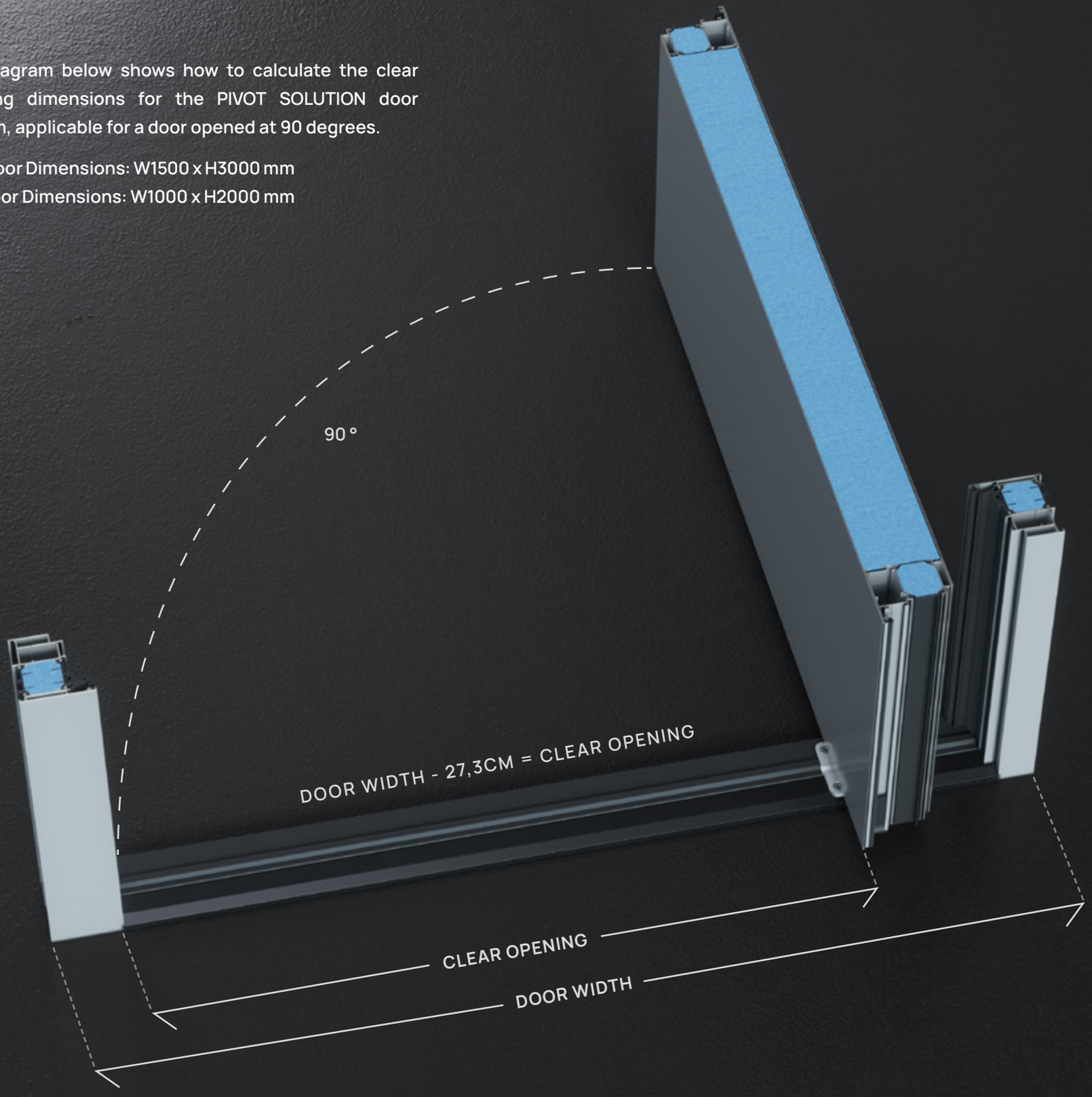
Watertightness
Class 1A

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



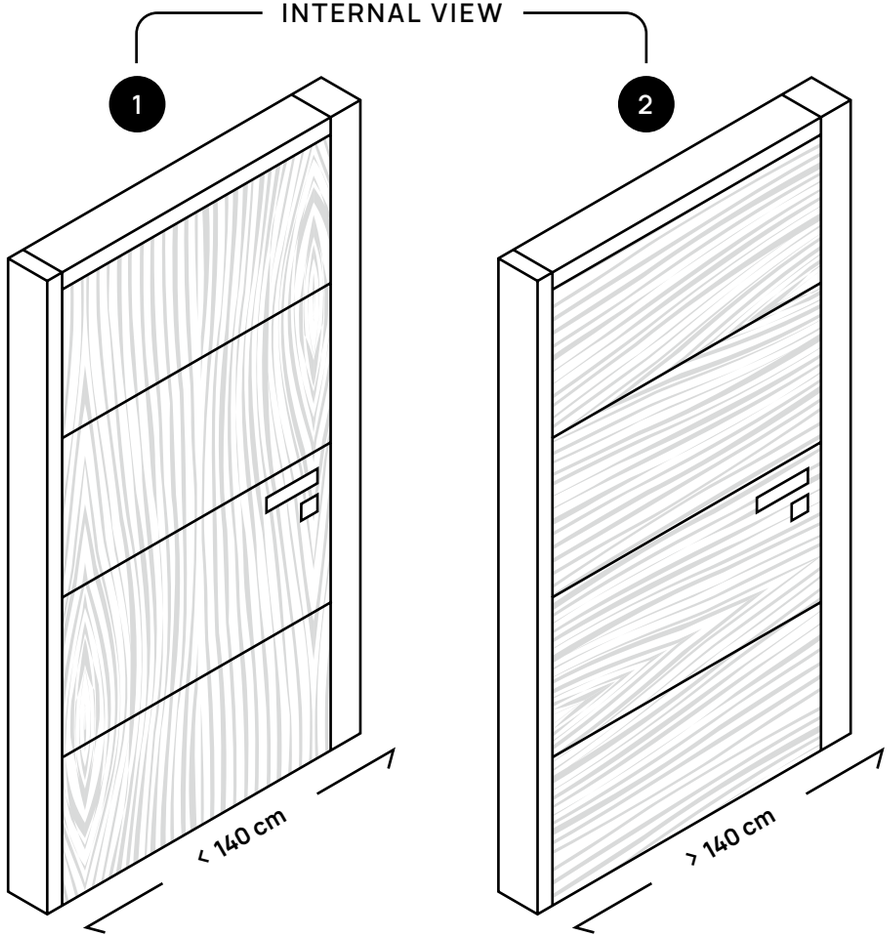
Internal and External Door Design Specifications

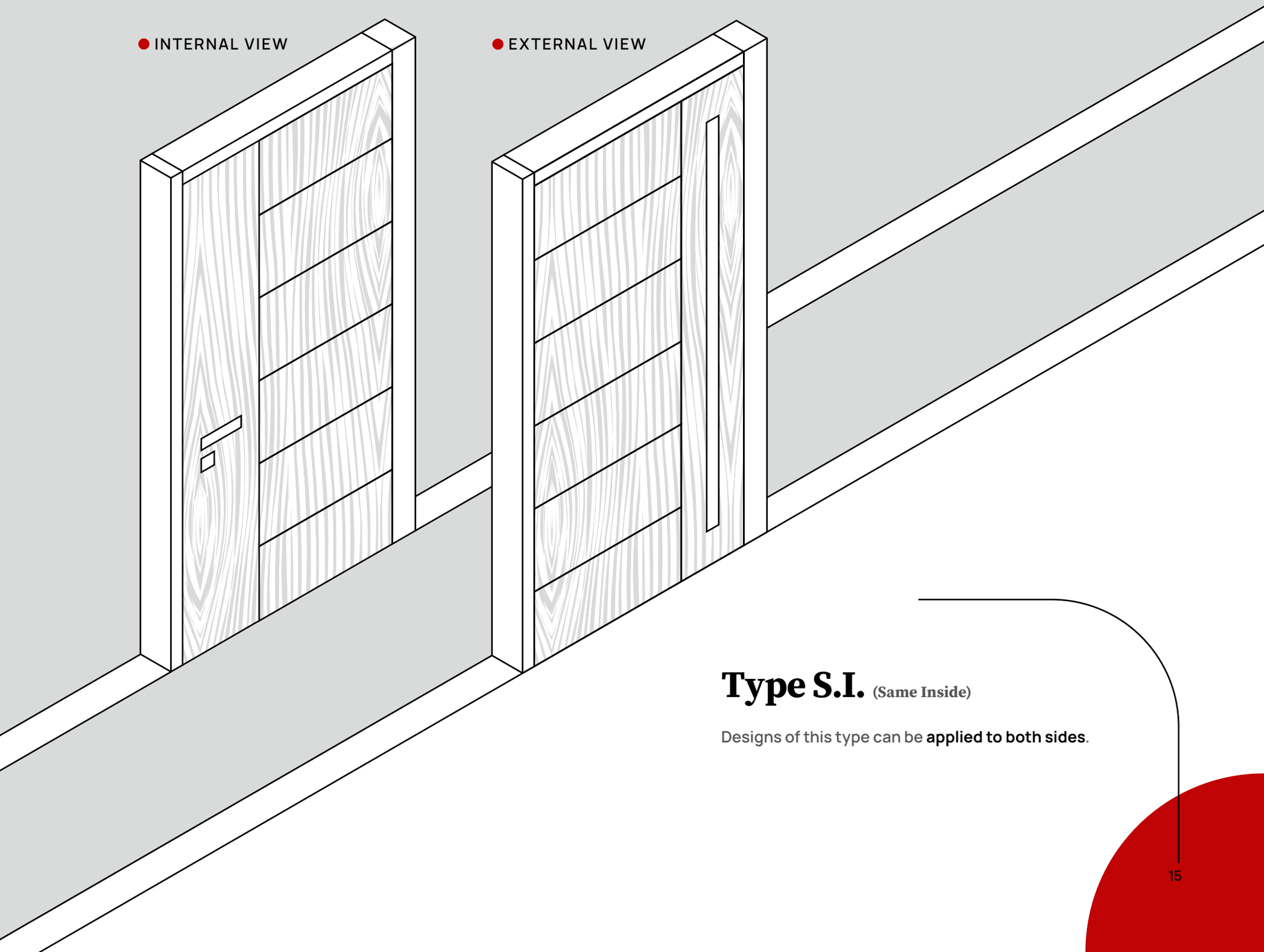
Type D.I. (Different Inside)

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.





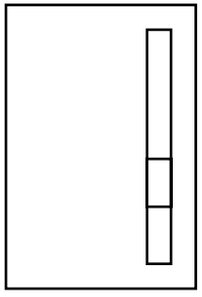
Type S.I. (Same Inside)

Designs of this type can be **applied to both sides**.



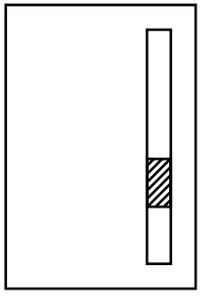
Crypto Duplex Doors

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

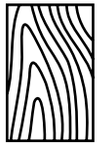
Primary Color
Wood Imitation T630

Secondary Color
RAL 9005

External Handle
Crypto Duplex

Handle Decoration
Inox Facing

Wood Color Pattern
Vertical



Design Specifications





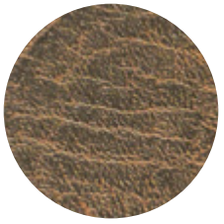
Mystique Edition

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.



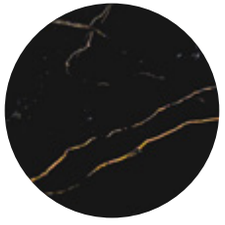
ME 50 | Brown Leather
Page 22



ME 42 | Bark Wood
Page 23



ME 43 | Retro Wood
Page 23



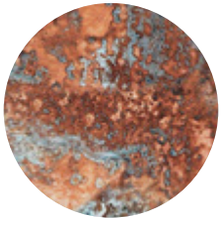
ME 20 | Black Marble
Page 24



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



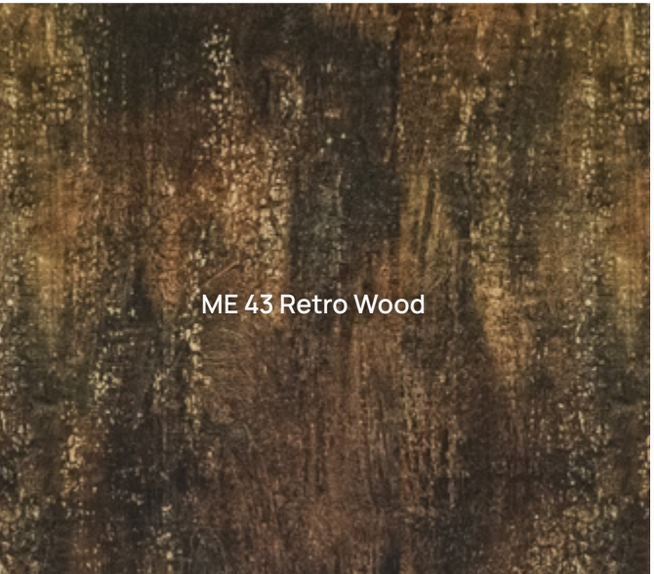
ME 40 | Natural Wood
Page 29



ME 41 | Old Wood
Page 29









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

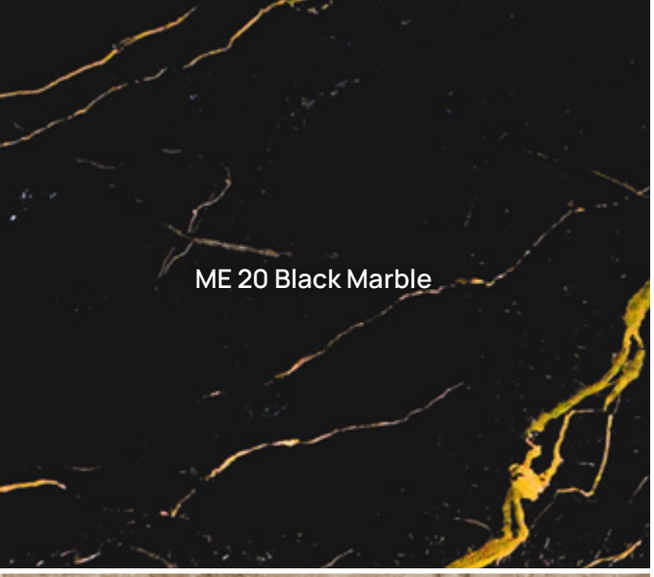
Door Design | ME 42 Bark Wood

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









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









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









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

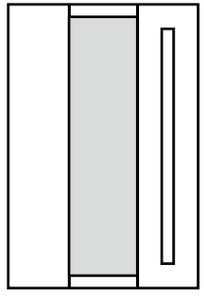
Door Design | ME 41 Old Wood

Door Facing: ME 41
Frame Color: RAL 9005
External Handle: Crypto Full Height
External Handle Color: RAL 9005



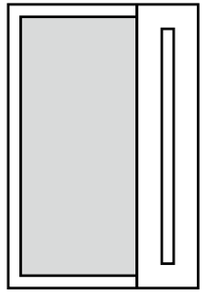
Hybrid

A door that harmoniously combines aluminum with glass.



485

Page 32



486

Page 33

Internal Door Design

Type S.I. (Same Inside)

For more detailed information please see pages 14 and 15.





Door Design

485

Wood
Color
Pattern
Vertical

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

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

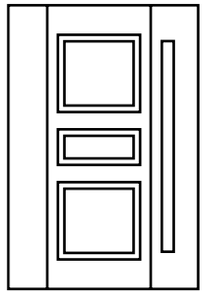
Design
Specifications



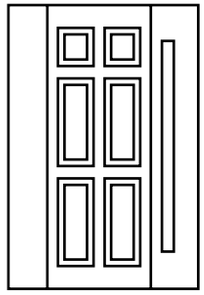


Traditional

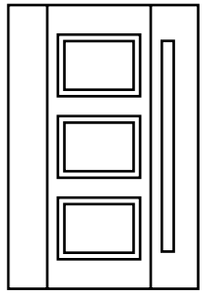
Designs based on the style of vintage wooden doors.
Traditional look with modern materials.



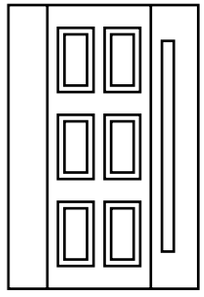
487
Page 36



488
Page 36



489
Page 37



490
Page 38

Internal Door Design

Type S.I. (Same Inside)

For more detailed information please
see pages 14 and 15.



Wood
Color
Pattern
Vertical

Design
Specifications

Door Design | 487

Door Color: RAL 9005
External Handle: Bar
External Handle Color: Silver



Wood
Color
Pattern
Vertical

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

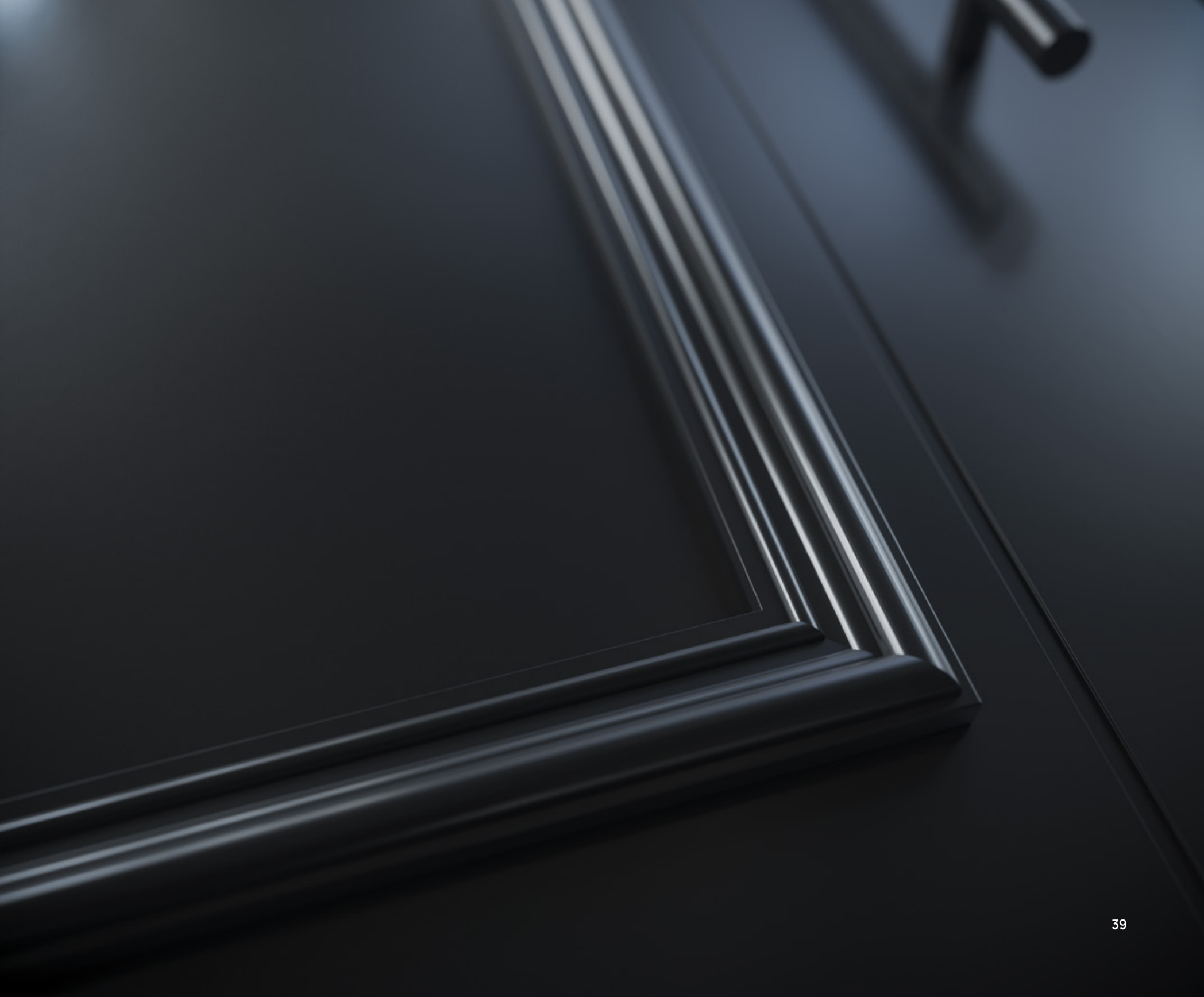
Sidelight
Sandblasted Glass

Access Control
Door with Integrated Fingerprint Reader

Wood Color Pattern
Vertical



Design Specifications





Tube Doors

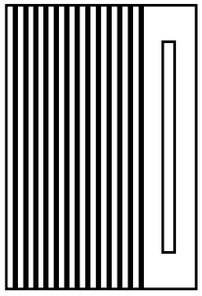
Aluminium bars of various dimensions create unique patterns on the door surface.

Internal Door Design

Type D.I. (Different Inside)

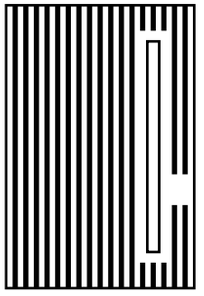
For more detailed information please see pages 14 and 15.

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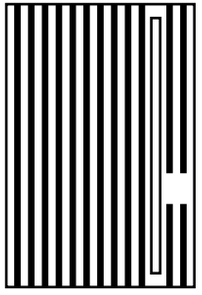
458
Tube W20 x H20 mm

Page 43



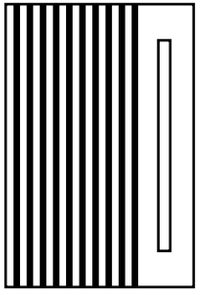
454
Tube W20 x H20 mm

Page 44



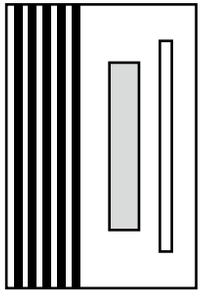
462
Tube W40 x H40 mm

Page 45



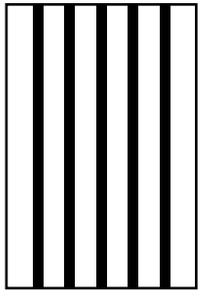
468
Tube W40 x H40 mm

Page 46



476
Tube W60 x H20 mm

Page 47



478
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

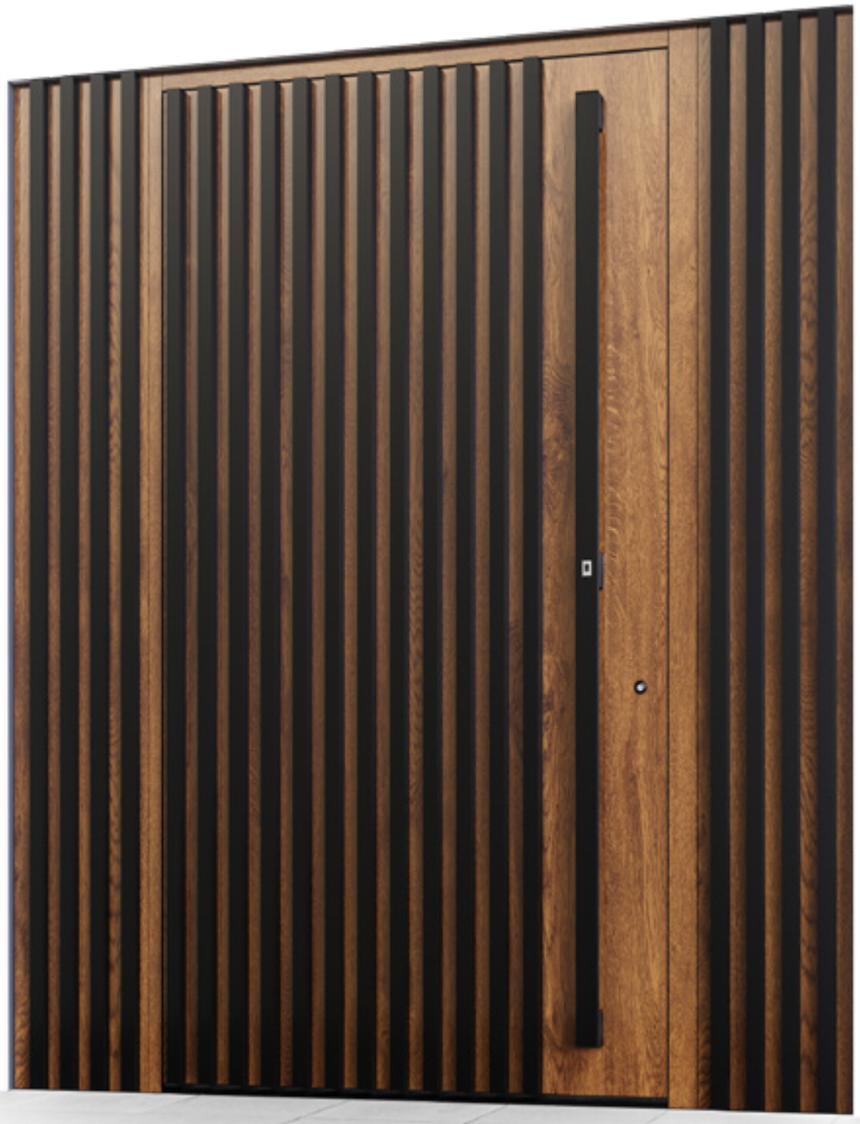
External Handle
Vision, Aluminium Facing

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

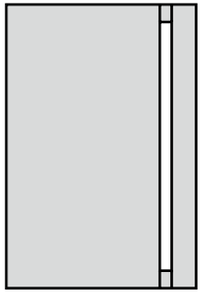
External Handle: Tube W80 x H50 mm





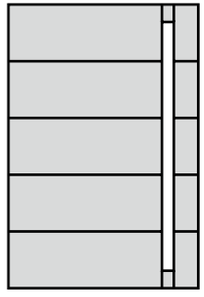
Crystal Facing

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



Door Design | 402

Facing: White Glass

External Handle: Crypto Full Height

External Handle Color: Anodized Coating

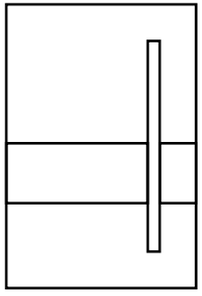
Design Specifications





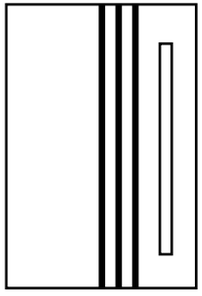
Bi-Color

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



416

Page 54



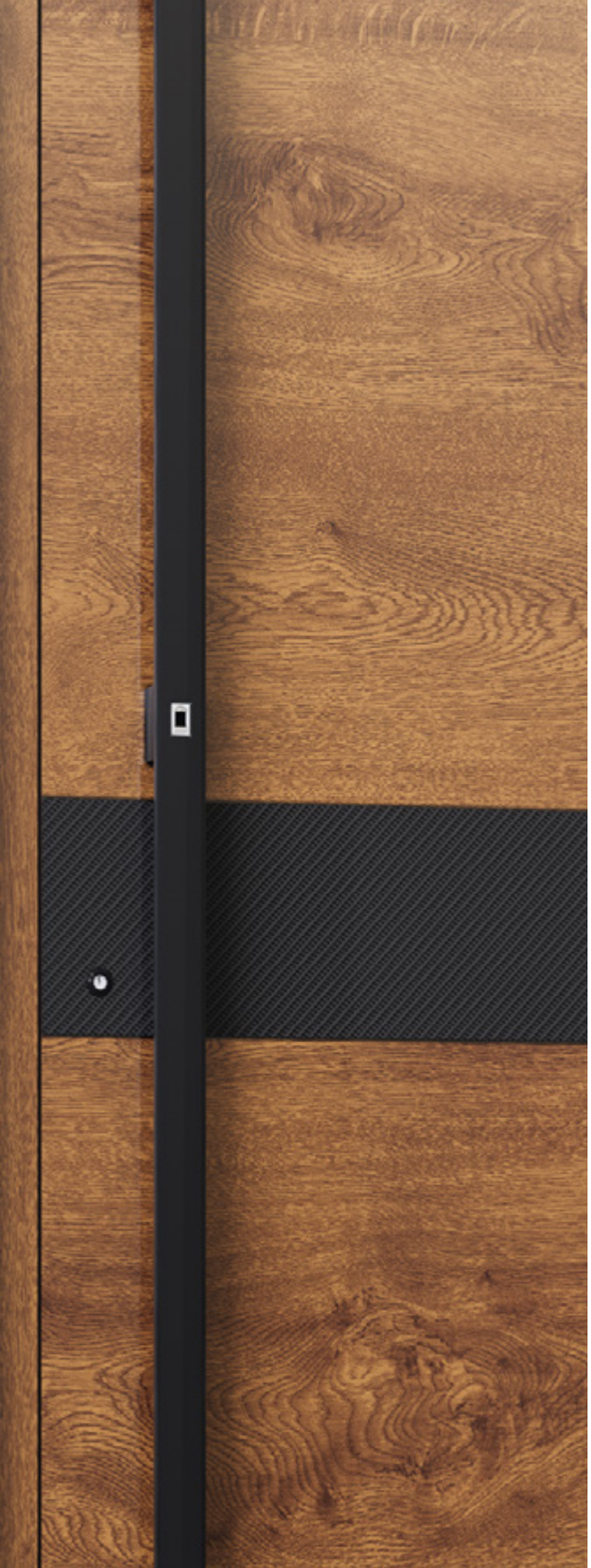
440

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





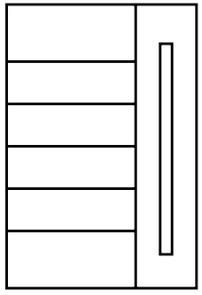
CNC Engraving

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

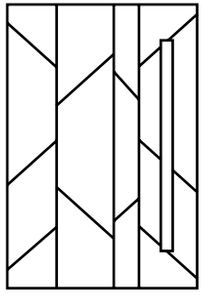
Internal Door Design

Type S.I. (Same Inside)

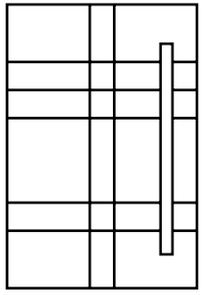
For more detailed information please
see pages 14 and 15.



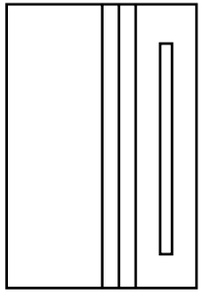
410
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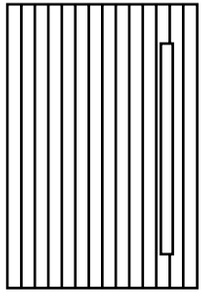
491
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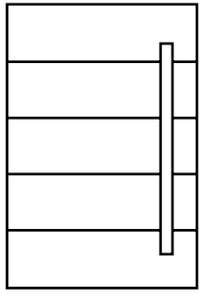
404
Page 60



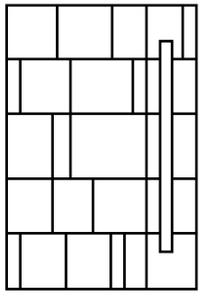
412
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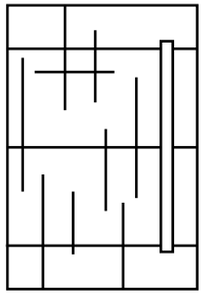
483
Page 61



406
Page 62



408
Page 62



414
Page 63





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

Wood
Color
Pattern
Vertical

Design
Specifications

Wood
Color
Pattern
Vertical



Design
Specifications

Door Design | 404

Door Color: RAL 9006
External Handle: Bar
External Handle Color: Silver

Wood
Color
Pattern
Vertical



Design
Specifications

Door Design | 412

Door Color: RAL 7039
External Handle: Crypto Full Height
External Handle Color: Anodized Coating

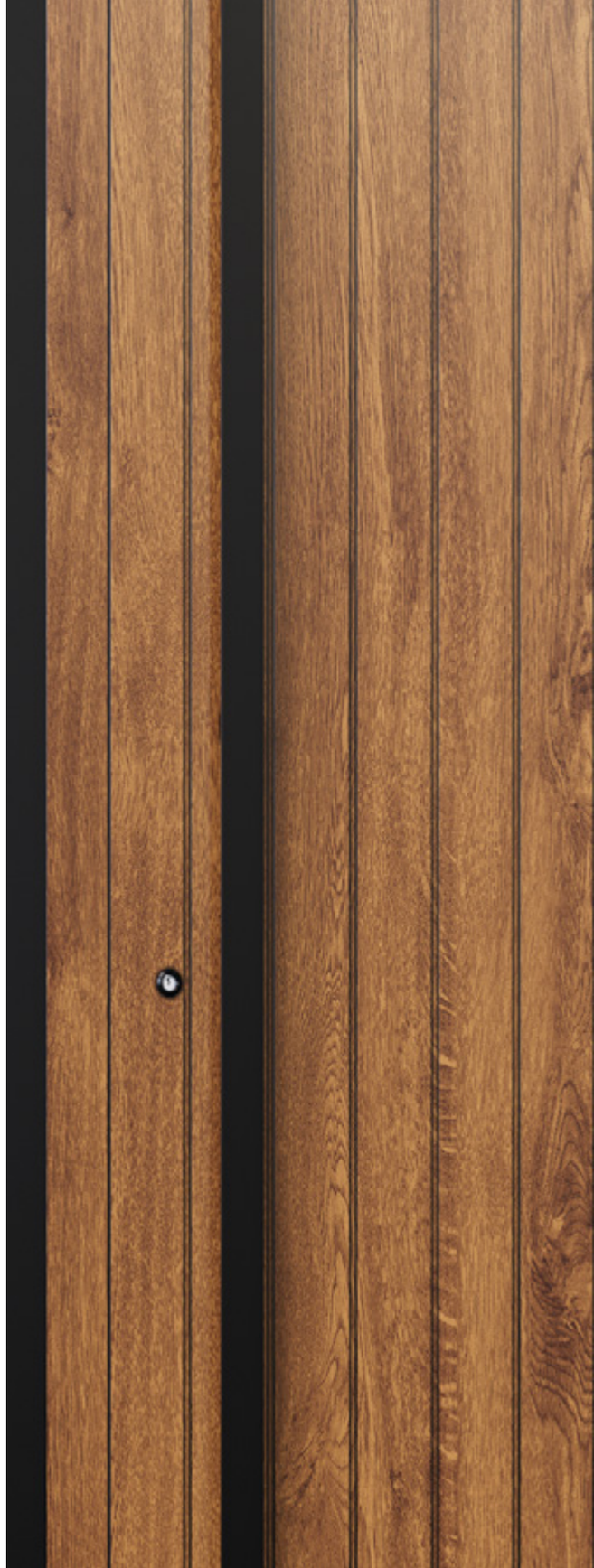


Wood
Color
Pattern
Vertical

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

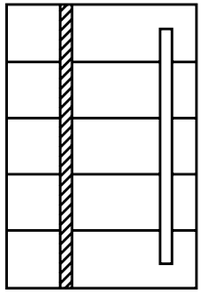
Door Design | 414

Door Color: T630
External Handle: Vision, Aluminium Facing
External Handle Color: RAL 9005
Access Control: Handle with Integrated Fingerprint Reader



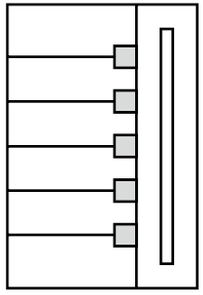
Glass & Inox Decoration

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



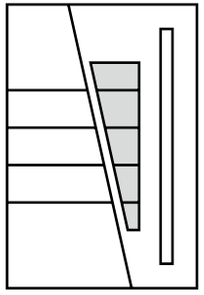
438

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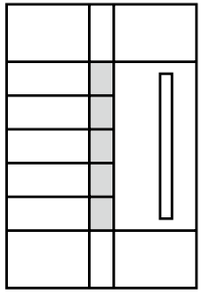
432

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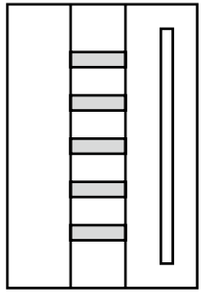
418

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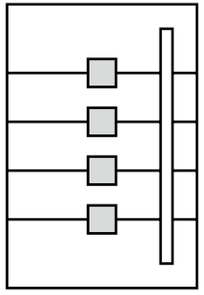
422

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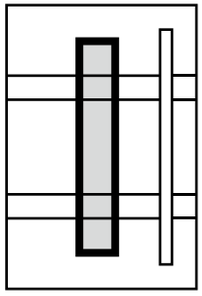
426

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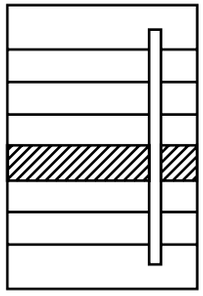
424

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444

Page 70



442

Page 71

Internal Door Design

Type S.I. (Same Inside)

For more detailed information please see pages 14 and 15.





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

Design
Specifications

Door Design | 432

Door Color: RAL 7024
Frame Color: RAL 9005
External Handle: Crypto Full Height
External Handle Color: RAL 9005



Wood
Color
Pattern
Vertical

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



Design
Specifications

Door Design | 424

Door Color: RAL 7037
External Handle: Bar
External Handle Color: Silver

Wood
Color
Pattern
Horizontal



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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