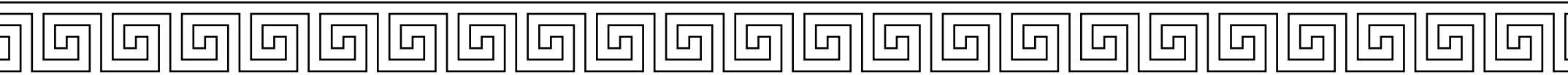




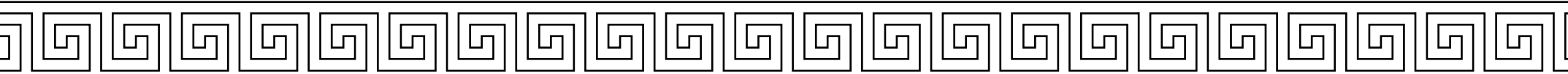
**SOLUTION PIVOT  
TEHNI S.A.**







SOLUTION PIVOT - CATALOG





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.



---

# Contents

## Construction Types

Page 9 / 10

## Certifications

Page 12 / 13

## Door Design Specifications

Page 14 / 15

## Crypto Duplex Doors

Page 17 / 19

## Mystique Edition

Page 21 / 29

## Hybrid

Page 31 / 33



## Traditional

Page 35 / 39

## Tube Doors

Page 41 / 47

## Crystal Facing

Page 49 / 51

## Bi-Color

Page 53 / 55

## CNC Engraving

Page 57 / 63

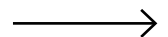
## Glass & Inox Decoration

Page 65 / 71



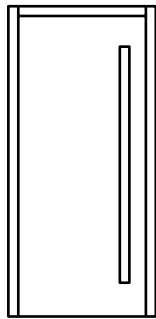
**Order Now!**

[www.pivotdoors.gr](http://www.pivotdoors.gr)

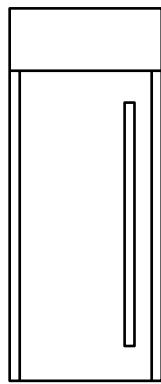




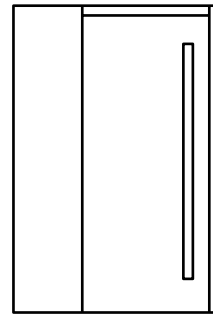
● **Customized construction types...**



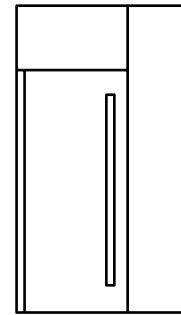
Single door



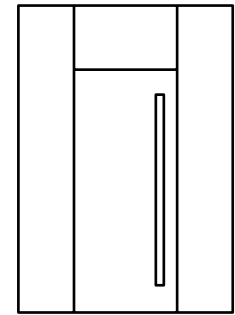
Single door with fixed top part



Single door with side fix part

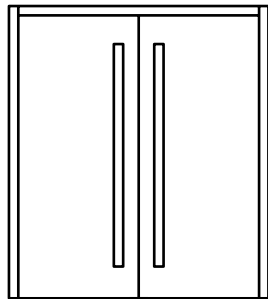


Single door with side and top fixed parts

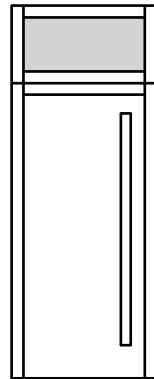


Single door with two side parts and one top fix part

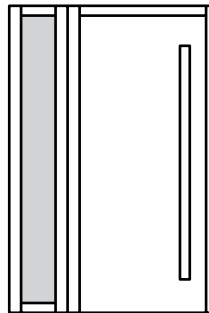
**...tailored to your needs. ●**



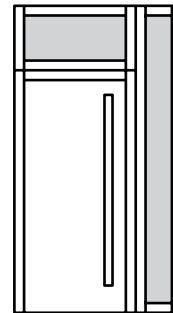
Double door



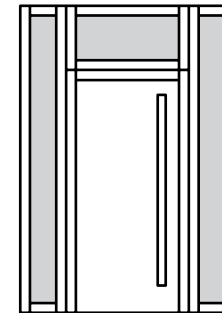
Single door  
with skylight



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

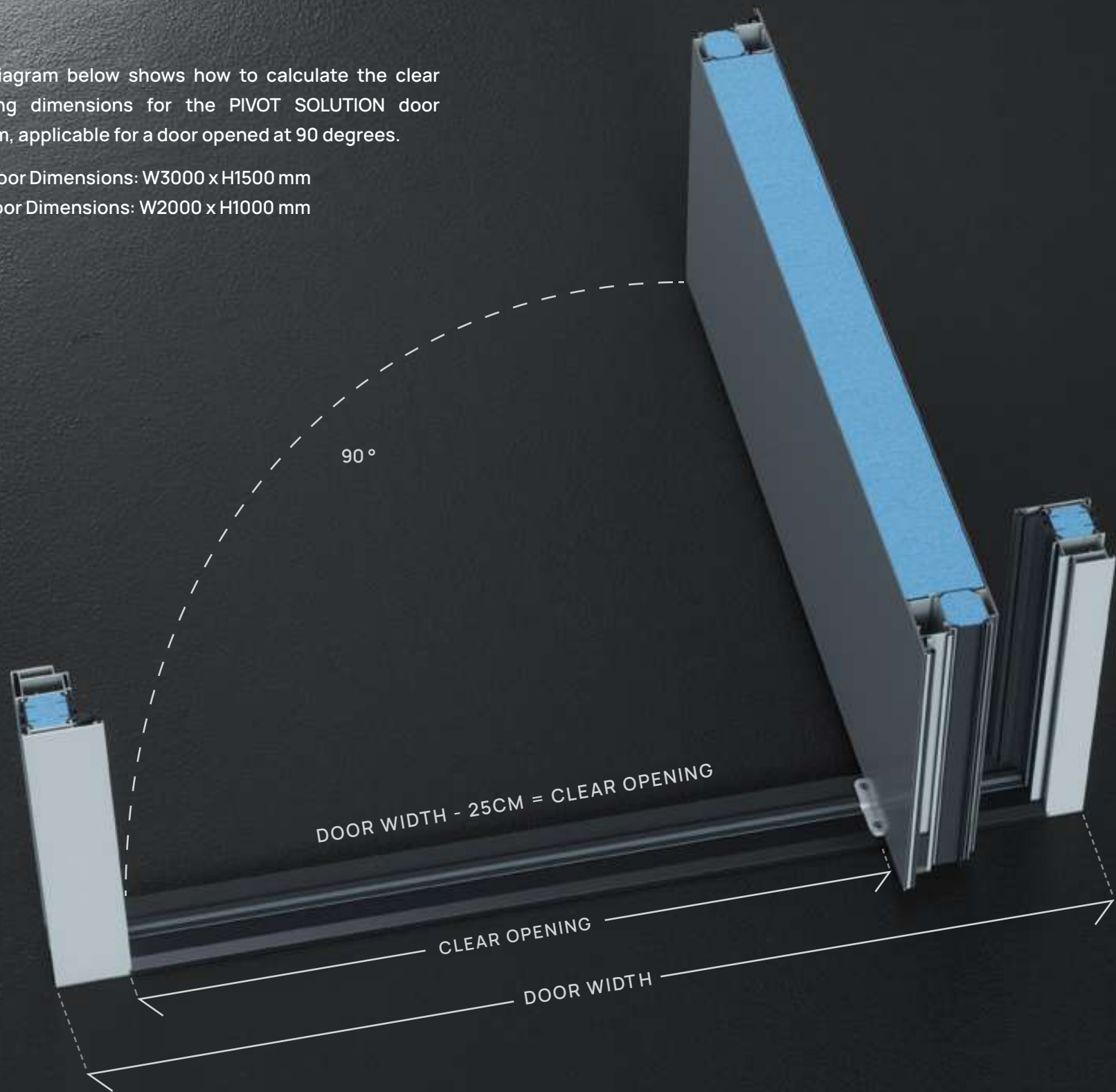
---



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: W3000 x H1500 mm

Min Door Dimensions: W2000 x H1000 mm



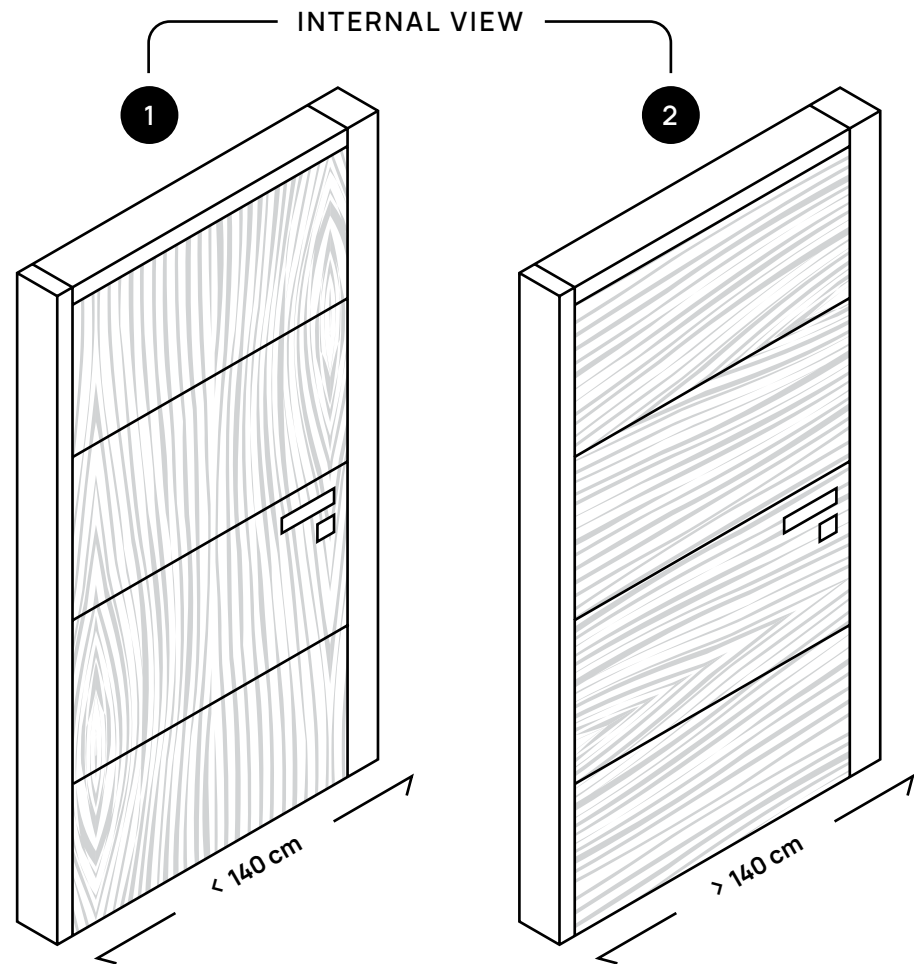
# Internal and External Door Design Specifications

## 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:

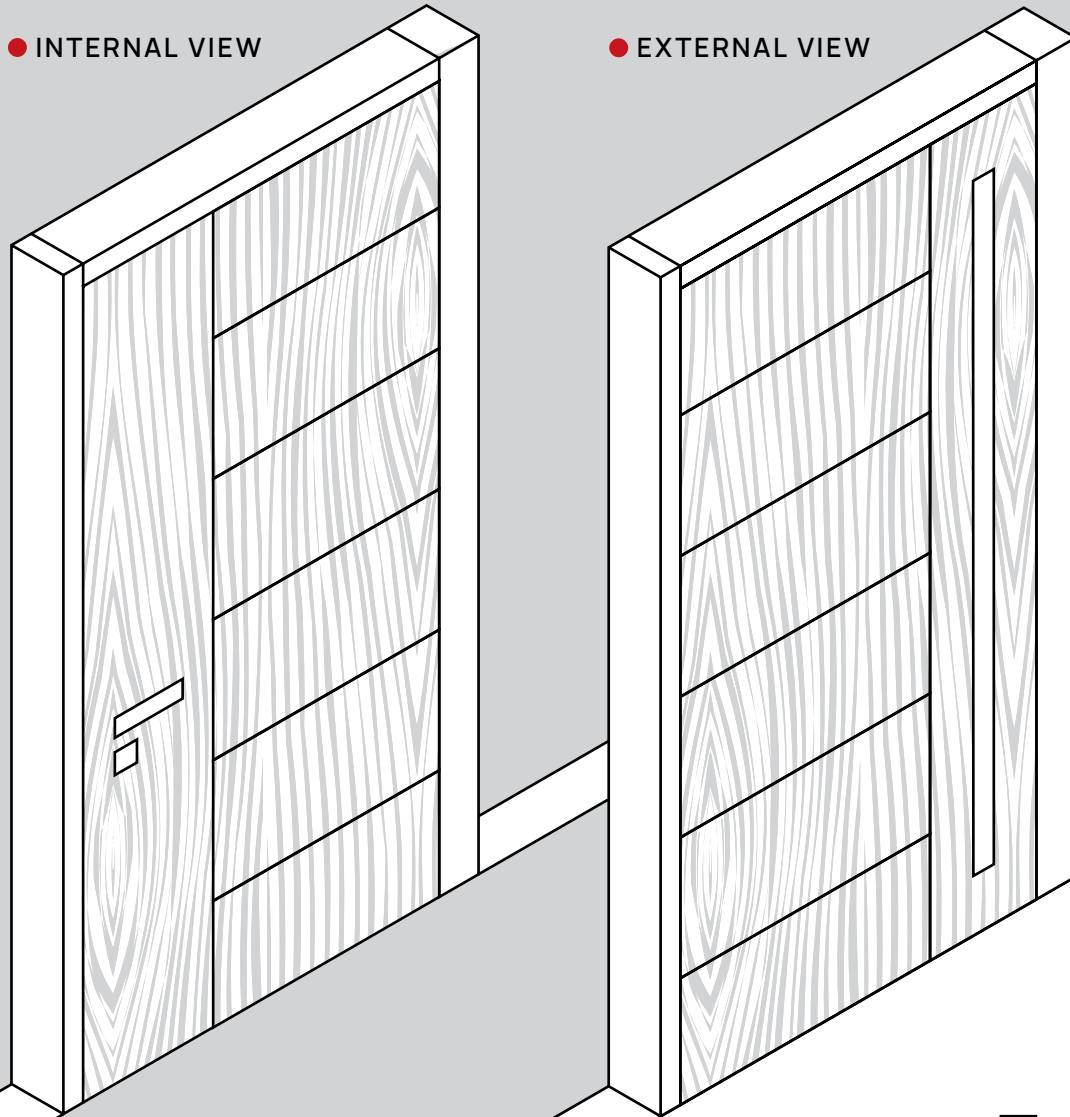
- 1) For doors with a width **less than 140 cm**, the internal side features a vertical pattern.
- 2) For doors with a width **greater than 140 cm**, the internal side features a horizontal pattern.





● INTERNAL VIEW

● EXTERNAL VIEW



## **Type S.I.** (Same Inside)

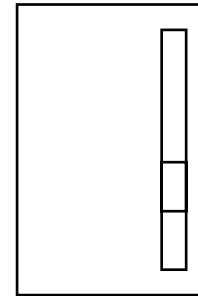
Designs of this type can be applied to both sides.



---

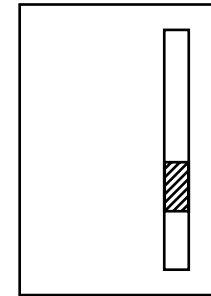
# Crypto Duplex Doors

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





## Door Design

482

Primary Color  
Wood Imitation T630

Secondary Color  
RAL 9005

External Handle  
Crypto Duplex

Handle Decoration  
Inox Facing

Wood Color Pattern  
Vertical





---

# Mystique Edition

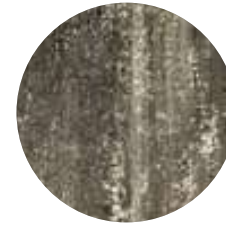
Twelve original eye-catching color textures.  
Marble, Leather, Wood and Patina in many variations.

## 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



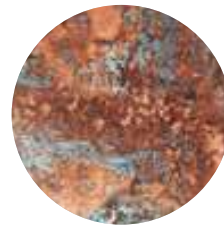
ME 20 | Black Marble  
Page 24



ME 22 | Brown Marble  
Page 25



ME 21 | White Marble  
Page: 25



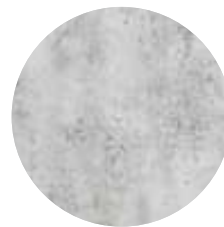
ME 11 | Copper Patina  
Page 26



ME 10 | Rustic Patina  
Page 27



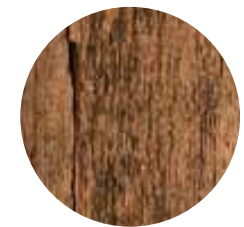
ME 12 | Corten Patina  
Page 27



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



**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





**Door Design | ME 42 Bark Wood**

Door Facing: ME 42

Frame Color: RAL 9005

External Handle: Crypto Full Height

External Handle Color: RAL 9005



**Door Design | ME 43 Retro Wood**

Door Facing: ME 43

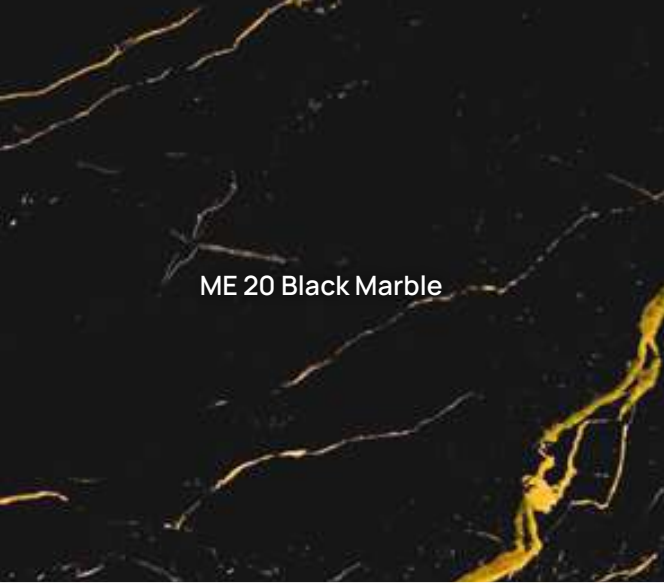
Frame Color: RAL 9005

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



**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



**Door Design | ME 22 Brown Marble**

Door Facing: ME 22

Frame Color: RAL 7006

External Handle: Crypto Full Height

External Handle Color: RAL 7006



**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



**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



**Door Design | ME 10 Rustic Patina**

Door Facing: ME 10

Frame Color: RAL 9005

External Handle: Crypto Full Height

External Handle Color: RAL 9005



**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



**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



**Door Design | ME 40 Natural Wood**

Door Facing: ME 40

Frame Color: RAL 9005

External Handle: Soft Touch

External Handle Color: RAL 9005



**Door Design | ME 41 Old Wood**

Door Facing: ME 41

Frame Color: RAL 9005

External Handle: Crypto Full Height

External Handle Color: RAL 9005

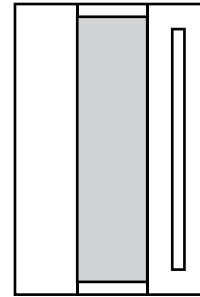




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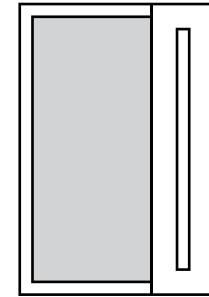
# Hybrid

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.



Wood  
Color  
Pattern  
Vertical



## 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



## 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

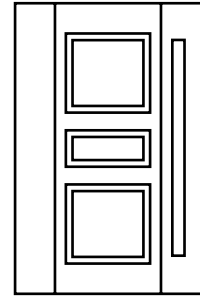




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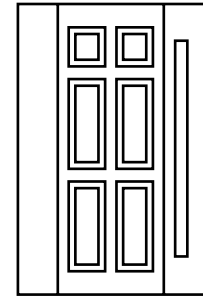
# Traditional

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



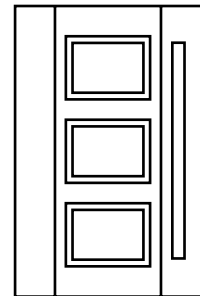
487

Page 36



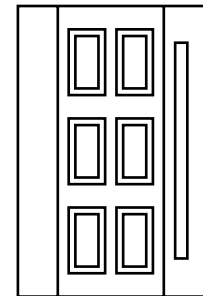
488

Page 36



489

Page 37



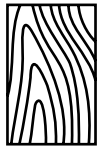
490

Page 38

## Internal Door Design

### Type S.I. (Same Inside)

For more detailed information please  
see pages 14 and 15.



Wood  
Color  
Pattern  
Vertical



**Door Design | 487**

Door Color: RAL 9005

External Handle: Bar

External Handle Color: Silver



Wood  
Color  
Pattern  
Vertical



**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



**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









---

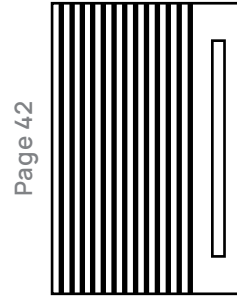
# Tube Doors

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

## Internal Door Design

### Type D.I. (Different Inside)

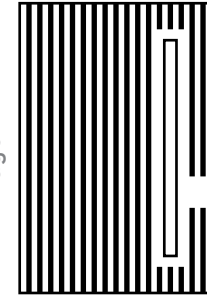
For more detailed information please see pages 14 and 15.



Page 42

458

Tube W20 x H20 mm



Page 43

454

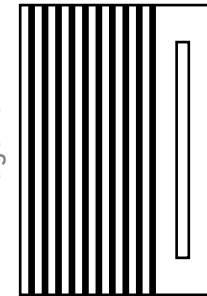
Tube W20 x H20 mm



Page 44

462

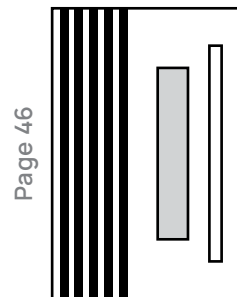
Tube W40 x H40 mm



Page 45

468

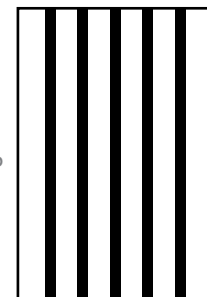
Tube W40 x H40 mm



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





## 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





## 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



## 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



Wood  
Color  
Pattern  
Vertical



**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



**Door Design | 478**

Door Color: RAL 7005

Tube Color: T630

Tube Dimensions: W80 x H50 mm

External Handle: Tube W80 x H50 mm

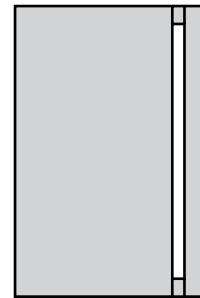




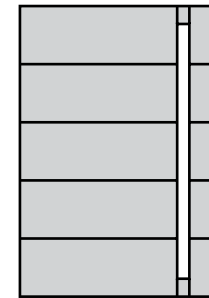
---

# 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.



**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

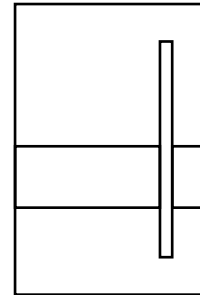




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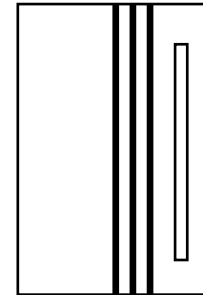
# Bi-Color

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



**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



BI-COLOR | 57



Wood  
Color  
Pattern  
Vertical



**Door Design | 440 (Inox Decoratives)**

Primary Color: RAL 7016

Secondary Color: T885 Carbon Imitation

External Handle: Soft Touch Inox



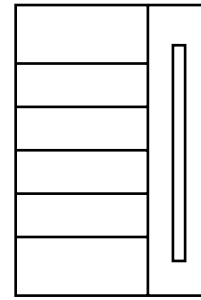


# CNC Engraving

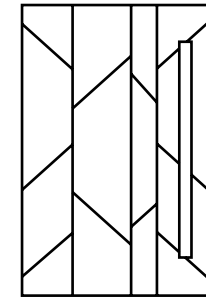
Creative designs, made with CNC engraving.  
The perfection of simplicity.

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

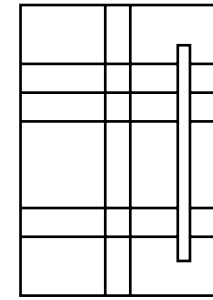
For more detailed information please  
see pages 14 and 15.



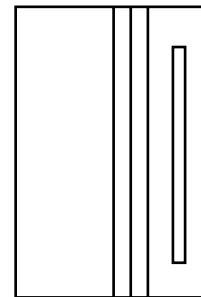
410  
Page 58



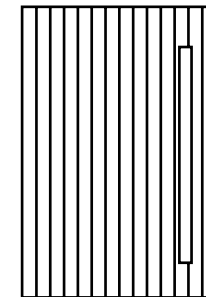
491  
Page 59



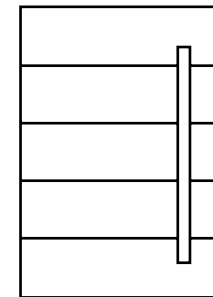
404  
Page 60



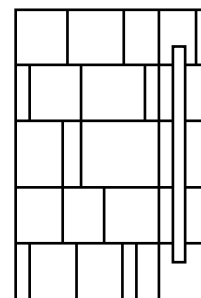
412  
Page 60



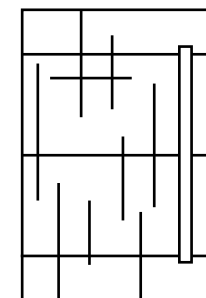
483  
Page 61



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



## Door Design

491

Door Color  
RAL 9006

External Handle  
Soft Touch

External Handle Color  
RAL 9005



Wood  
Color  
Pattern  
Vertical



Wood  
Color  
Pattern  
Vertical



Wood  
Color  
Pattern  
Vertical



**Door Design | 404**

Door Color: RAL 9006

External Handle: Bar

External Handle Color: Silver

**Door Design | 412**

Door Color: RAL 7039

External Handle: Crypto Full Height

External Handle Color: Anodized Coating



Wood  
Color  
Pattern  
Vertical



**Door Design | 483**

Door Color: T630

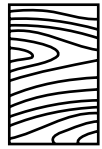
Sidelight: Sandblasted Glass

Sidelight Frame Color: RAL 9005

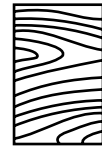
External Handle: Blade

External Handle Color: Black





Wood  
Color  
Pattern  
Horizontal



Wood  
Color  
Pattern  
Horizontal



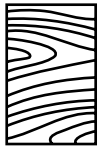
**Door Design | 406**

Door Color: RAL 7039  
External Handle: Blade  
External Handle Color: Silver

**Door Design | 408**

Door Color: T890 Corten  
Frame Color: RAL 9005  
External Handle: Blade  
External Handle Color: Black





Wood  
Color  
Pattern  
Horizontal



**Door Design | 414**

Door Color: T630

External Handle: Vision, Aluminium Facing

External Handle Color: RAL 9005

Access Control: Handle with Integrated Fingerprint Reader

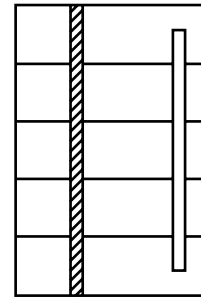


# Glass & Inox Decoration

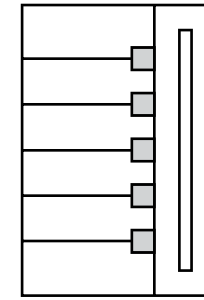
Stainless steel decoratives and safety glasses that upgrade the door design.

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

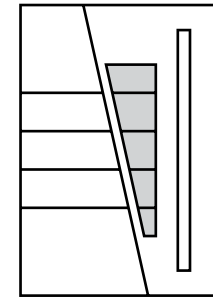
For more detailed information please see pages 14 and 15.



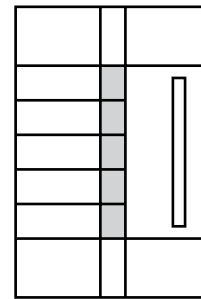
438  
Page 66



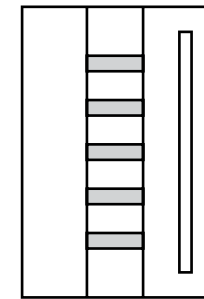
432  
Page 67



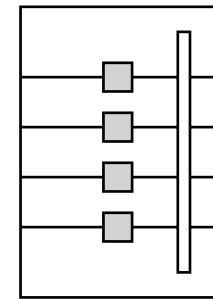
418  
Page 67



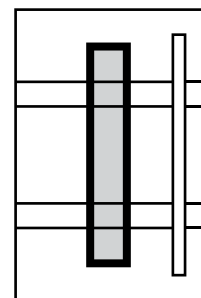
422  
Page 68



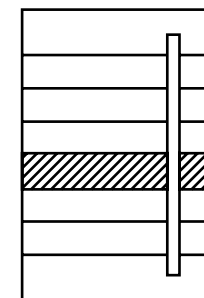
426  
Page 69



424  
Page 70



444  
Page 70



442  
Page 71



Wood  
Color  
Pattern  
Vertical



**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



**Door Design | 432**

Door Color: RAL 7024

Frame Color: RAL 9005

External Handle: Crypto Full Height

External Handle Color: RAL 9005

**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



## Door Design

426

Door Color  
T631

Frame Color  
RAL 9005

External Handle  
Vision, Aluminium Facing

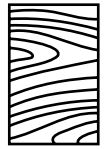
External Handle Color  
RAL 9005

Access Control  
Handle with Integrated  
Fingerprint Reader



Wood  
Color  
Pattern  
Vertical





Wood  
Color  
Pattern  
Horizontal

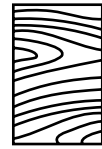


**Door Design | 424**

Door Color: RAL 7037

External Handle: Bar

External Handle Color: Silver



Wood  
Color  
Pattern  
Horizontal



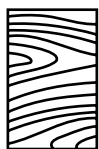
**Door Design | 444**

Door Color: RAL 9005

External Handle: Soft Touch

External Handle Color: RAL 9005





Wood  
Color  
Pattern  
Horizontal



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

Door Color: T630

Door Decoration: Inox Facing

External Handle: Vision, Inox Facing

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