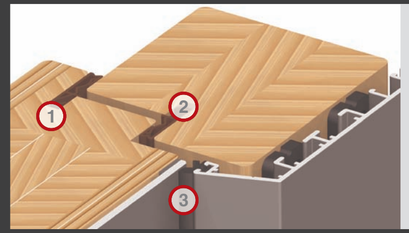
ENERGATE

WOOD ALUMINIUM · LOW ENERGY SYSTEM · MAIN ENTRANCE DOORS

SPECIFICATIONS

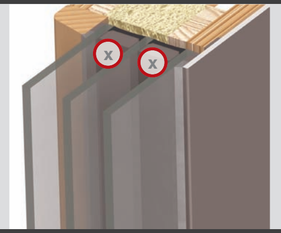
1. 1 x gasket
all around the door leaf
2. 1 x gasket
3-sided in the door frame
3. 1 x gasket
3-sided in the the profile



Triple insulating glass with
U_g = 0,5 W/m²K

x Fiber glass spacer · Color: black

In case of customer choice is
ornamental glass - glass is in the middle



Tripple gasket system

Triple insulating glass

Load capacity 160 kg
Roll diameter 20 mm
Surface top zinc

Main entrance door hardware

MUPTIBLE POINT LOOKING SYSTEM
Two massive hooks & latch and bolt
Seperate locking plate for the hooks
Surface:Top zinc, resistance class WK1

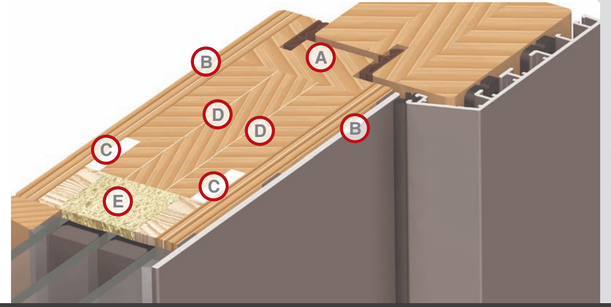
THERMAL BROKEN FLAT THRESHOLD
Outside aluminum · silver EV1 / inside plastic
color: grey · invisible screw fixing
Height adjustable gasket between the door leaf and threshold for optimal water tightness

THERMAL BROKEN FLAT THRESHOLD

Triple door hinges

WEATHERBOARD W7
Satin stainless steel F69, flush, width 85 mm

WEATHERBOARD W6
Satin stainless steel F69, profiled, width 107 mm



SPECIFICATIONS

A Door leaf made of multilayer board, strengthened with solid woodframe

B Plywood facings with Aluminium Stabilisation layers

C Integrated high-quality fiber-plastic composite on the lock side for better stability

D Aluminium stabilisation layers on the lock side for better stability

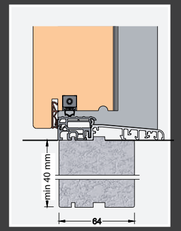
E PUR construction core
Thermal transmittance of the door blank
U_p = 0.93 W / m²K (Spruce)

ALU CLADDING EXTERIOR
Door leaf: Aluminum panel 3 mm thickness

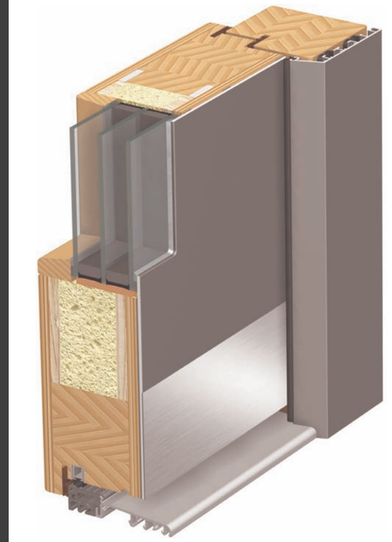
Door frame: Aluminum profile - clipped

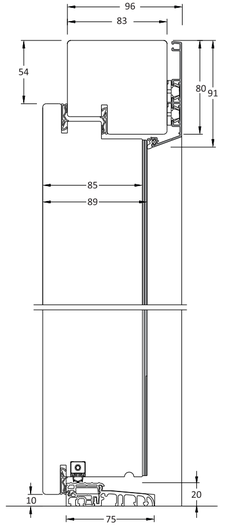
Door leaf made of multilayer board

- Door leaf made of multilayer board, strengthened with solid woodframe and integrated stabilizers against default
- Excellent thermal insulation U_d (depending on model, spruce) up to 1.0 W / m²K
- 3 gasket, additional drop-down gasket below
- 3-point locking with 3 dimensional-adjustable special hinges
- Durable function: All our doors pass 200 000 opening and closing cycles in the long time test
- DIN-EN-Norm tested
Bullet-resistant for special safety claims
- Considerably tested with a standard tool set to burglary safety
- Wood choices: Spruce, larch, oak



For Thermal optimal results, we recommend 40mm frame extension as thermal divider between inside and outside.





TYPES & SIZES

XS = special size

Width bis 949 mm
Height bis 1999 mm

S = standard size

Width 950-1150 mm
Height 2000-2300 mm

L = standard size

Width 1151-1250 mm
Height 2301-2400 mm

XL = special size

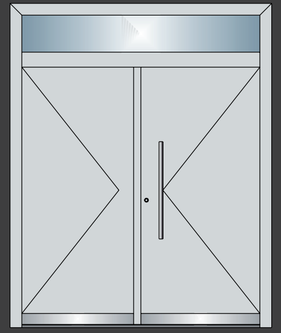
Width 1151-1250 mm
Height 2401-2500 mm

(4 x door hinges, extended locking)

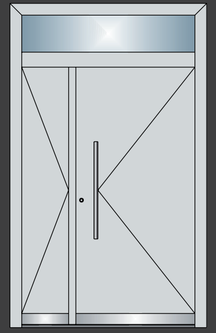
Singel opening door
with skylight & 2 side sides

Singel opening door
with skylight & 1 side sides

Singel opening door
with skylight



Double opening door- symmetrical
with skylight



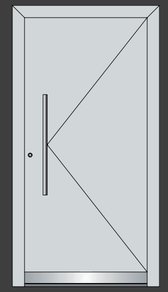
Double opening door - asymmetrical
with skylight

This colors illustration are represented symbolically.
Color deviations from the original are depending on the printing conditions.

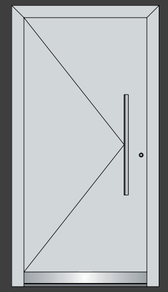
WOOD ALUMINIUM · LOW ENERGY SYSTEM · MAIN ENTRANCE DOORS

TYPES & SIZES

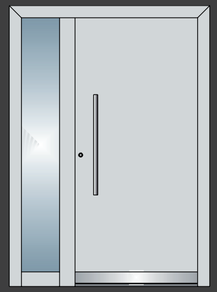
Standard: All doors are open inwards - Opening outwards not available



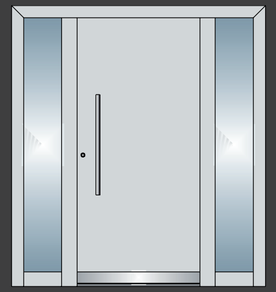
DIN right



DIN left



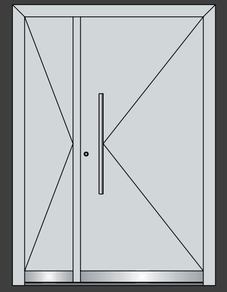
Single opening door with 1 x side light



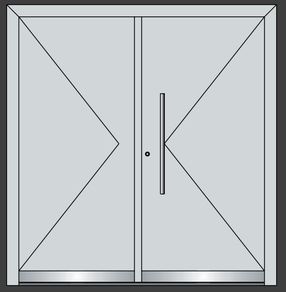
Single opening door with 2 x side lights

ALL OTHER VERSIONS
ON REQUEST

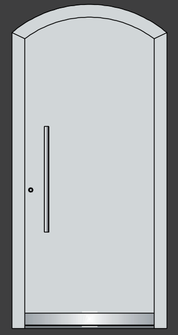
The production in one piece with side light and sky light is possible up to a maximum outer dimension of 2600 x 2600 mm



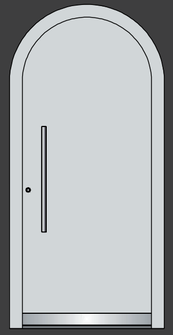
Double opening door - asymmetrical



Double opening door - symmetrical



Singel opening door -Round arch



Singel opening door - Segmental arch

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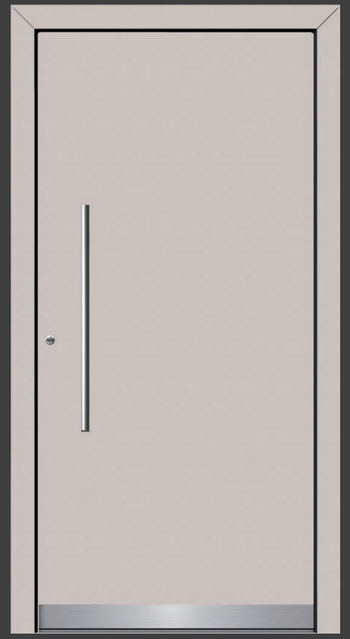
A101.1



A101.2

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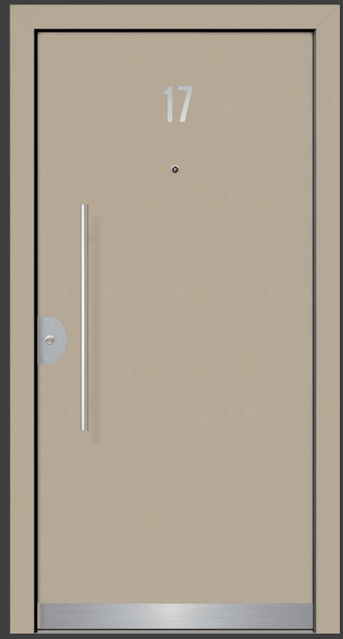
WOOD ALUMINIUM · LOW ENERGY SYSTEM · MAIN ENTRANCE DOORS
MODEL SELECTION

A101.3

A101.4



This colors illustration are represented symbolically.
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A105

A106

This colors illustration are represented symbolically.
Color deviations from the original are depending on the printing conditions.

WOOD ALUMINIUM · LOW ENERGY SYSTEM · MAIN ENTRANCE DOORS
MODEL SELECTION

A107

A107-A

This colors illustration are represented symbolically.
Color deviations from the original are depending on the printing conditions.

A124

A119

This colors illustration are represented symbolically.
Color deviations from the original are depending on the printing conditions.

WOOD ALUMINIUM · LOW ENERGY SYSTEM · MAIN ENTRANCE DOORS
MODEL SELECTION

A120

A121

This colors illustration are represented symbolically.
Color deviations from the original are depending on the printing conditions.

A309

A314

This colors illustration are represented symbolically.
Color deviations from the original are depending on the printing conditions.

WOOD ALUMINIUM · LOW ENERGY SYSTEM · MAIN ENTRANCE DOORS
MODEL SELECTION

A310

A312

This colors illustration are represented symbolically.
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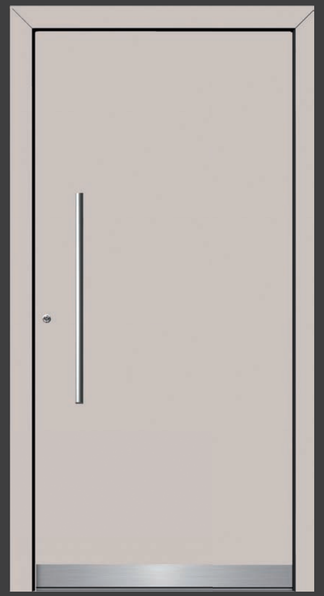
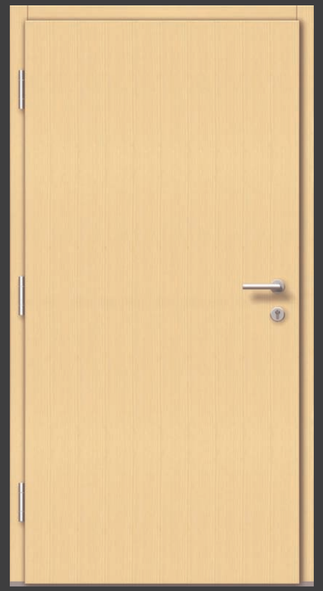


EXTERIOR View: ALUMINIUM



INTERIOR View: SPRUCE - Picea Abies
Standard: vertical veneered

INTERIOR View: OAK
Standard: vertical veneered

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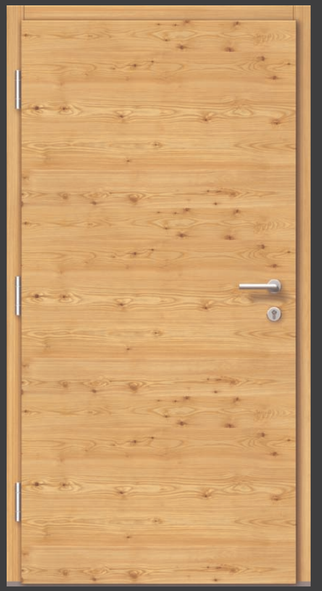
WOOD ALUMINIUM · LOW ENERGY SYSTEM · MAIN ENTRANCE DOORS
SURFACES OPTIONS

INTERIOR View: LARCH
Special version: horizontally veneered

INTERIOR View: OAK knotty
Standard: vertical veneered



INTERIOR View: LARCH knotty
Special version: horizontally veneered

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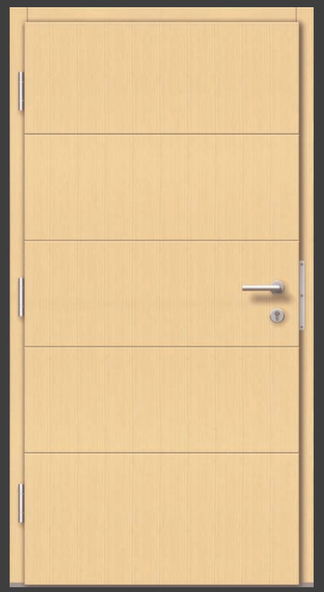

INTERIOR View: SPRUCE - Picea Abies
Special version: horizontal grooves

INTERIOR View: LARCH
Special version: horizontal stainless steel applications

INTERIOR View: SPRUCE - Picea Abies
Special version:
Profile frames and fillings

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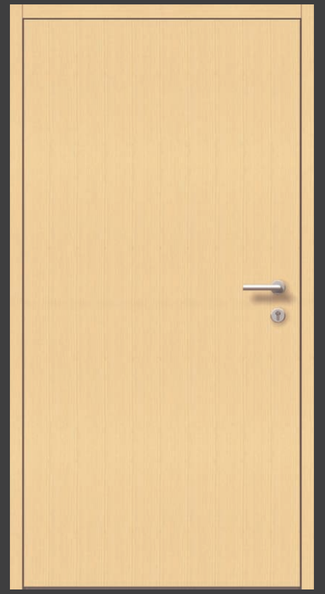
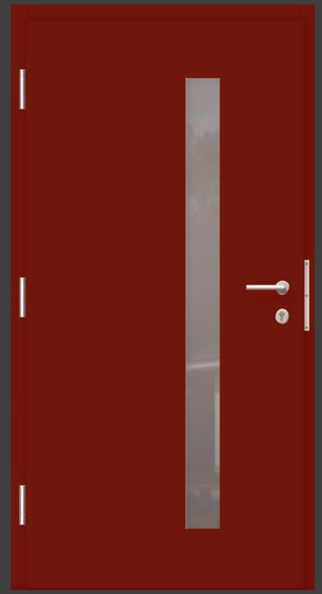
WOOD ALUMINIUM · LOW ENERGY SYSTEM · MAIN ENTRANCE DOORS
SURFACES OPTIONS



INTERIOR View: SPRUCE - Picea Abies
Special version:
Door leaf and frame flush



INTERIOR View: RAL 3004 purple red
Special version: Light cutout

INTERIOR View: RAL Color -white
Special version: Light cutout

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Color deviations from the original are depending on the printing conditions.

WOOD CHOICES

SPRUCE
Picea Abies

LARCH

OAK

MERANTI

WOOD IS A NATURAL PRODUCT

Wood is a natural product and the surface structure is always individual and your windows and doors are unique.
The wood grain is arbitrary and every door is different.

This colors illustration are represented symbolically. Color deviations from the original are depending on the printing conditions.

For interior wood only, not recommended for exterior

Spruce - Picea Abies = STANDARD delivery time and price - All other types of wood must be requested and the delivery time and price may vary

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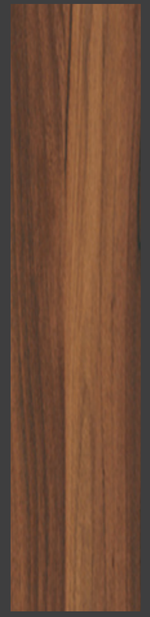
WOOD ALUMINIUM · LOW ENERGY SYSTEM · MAIN ENTRANCE DOORS

DECOR PANEL CHOICES

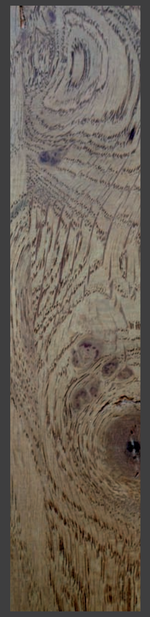


DECOR PANEL:
American Walnut

DECOR PANEL:
Teak

DECOR PANEL:
Apple

SPECIAL WOOD CHOICES



SPECIAL
WOOD:
OAK knotty

SPECIAL
WOOD:
LARCH knotty

WOOD IS A NATURAL PRODUCT

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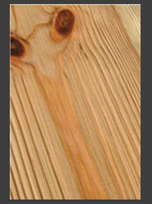
RUSTIC LOOK



SPECIAL
SURFACE:
Brushed

For interior wood only, not recommended for exterior

Spruce - Picea Abies = STANDARD delivery time and price - All other types of wood must be requested and the delivery time and price may vary

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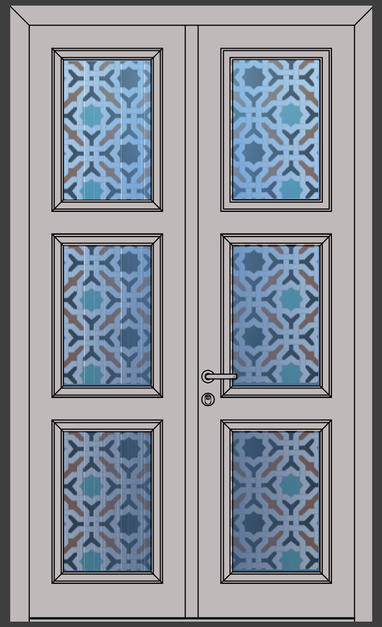
CD 01



CUSTOMER DESIGN

Example for a custom designed main entrance door pattern ornament desiged as digital glass print

Dimensions

Double opening door:
Width 1600 mm - Height 2500 mm

Color: RAL 9006 white aluminum

This colors illustration are represented symbolically.
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WOOD ALUMINIUM · LOW ENERGY SYSTEM · MAIN ENTRANCE DOORS
MODEL SELECTION

CD 02

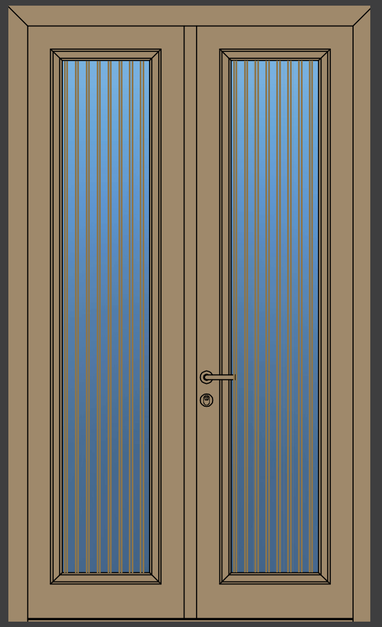
CUSTOMER DESIGN

Example for a custom designed main entrance door fine gold stripes desiged as digital glass print

Dimensions

Double opening door:
Width 1600 mm - Height 2500 mm

Color: RAL 1019 grey beige



This colors illustration are represented symbolically.
Color deviations from the original are depending on the printing conditions.

CD 03

CUSTOMER DESIGN

Example for a custom designed main entrance door

Dimensions

Double opening door:
Width 2200 mm - Height 2350 mm

Color: RAL 9006 white aluminum

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WOOD ALUMINIUM · LOW ENERGY SYSTEM · MAIN ENTRANCE DOORS
MODEL SELECTION

CD 03.1 INTERIOR

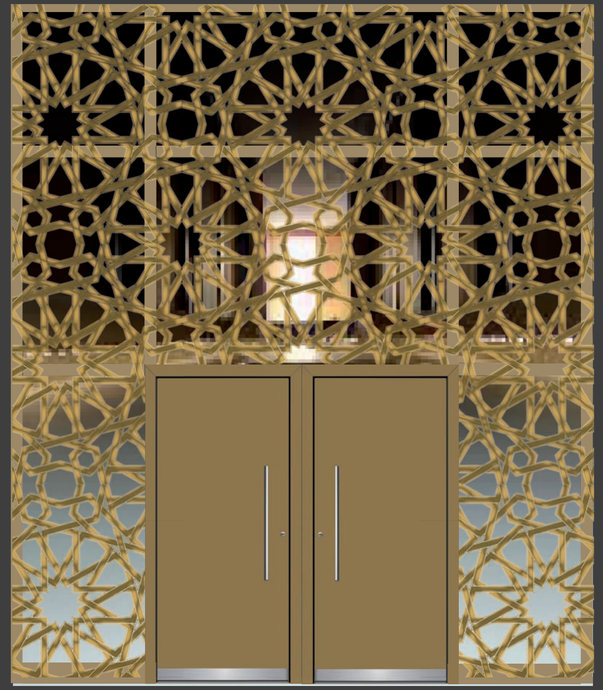
INTERIOR View: LARCH
Standard: vertical veneered

This colors illustration are represented symbolically.
Color deviations from the original are depending on the printing conditions.

CD 03.2 INTERIOR

INTERIOR View: OAK
Standard: vertical veneered

CD 04



CUSTOMER DESIGN

Example for a custom designed main entrance door with Aluminum cut Islamic pattern ornament set before the facade element

Dimensions

Complete element:
Width 4200 mm - Height 4700 mm

Double opening door:
Width 2200 mm - Height 2200 mm

Special color: Eloxal C33 medium bronze

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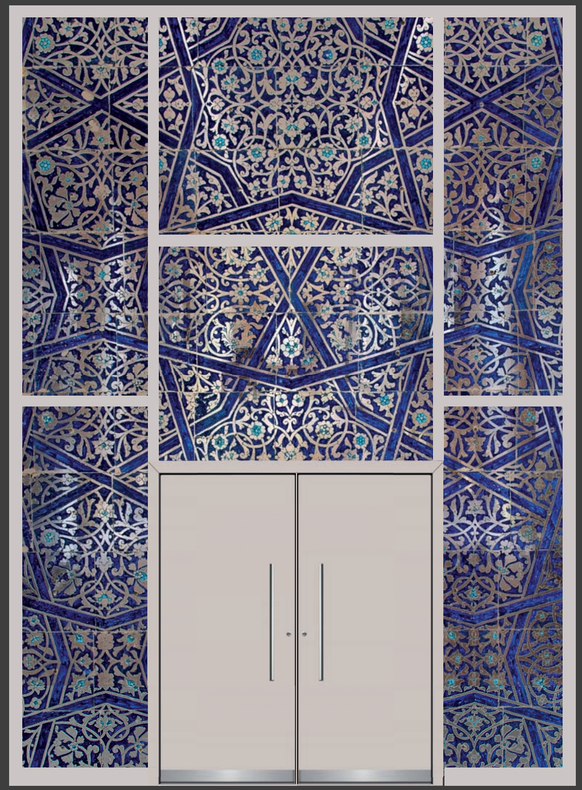
WOOD ALUMINIUM · LOW ENERGY SYSTEM · MAIN ENTRANCE DOORS
MODEL SELECTION

CD 05



CUSTOMER DESIGN

Example for a custom designed main entrance door with Islamic pattern ornament desiged as digital glass print

Dimensions

Complete element:
Width 4350 mm - Height 6000 mm

Double opening door:
Width 2200 mm - Height 2500 mm

Special color: Eloxal C0 natural metallic

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ENERGATE

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Colonge · Germany

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WWW.ENERGATE.COM

Window cutting sections are not to scale and for illustration purposes only.
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We reserve the right to make technical changes.