



# Front Doors

## **RD80 & RD100**

[www.ryternaentry.com](http://www.ryternaentry.com)

# RYTERNA

25 years delivering doors  
with a personal touch!





# RYTERNA Front Entrance Doors

Entrance door is a key element of house facade. Every day You see, touch and use it. Door must be safe, warm, maintenance free and match the exterior.

We offer wide range of made to measure doors with numerous design choices including possibility to create Your own design.

Latest technologies combined with perfect design results outstanding appearance and performance.







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Design **702**  
 Model **RD80 flush**  
 Outside colour **RAL 9007 matt**  
 Handle **H90S 1200 mm stainless steel**  
 Escutcheon **ESC-3**  
 Windows **P4A Safety triple glazing**  
 Glazing **Etched effect**  
 Applique **Inlay**  
 Decor **Carving**



Design **502**  
 Model **RD80 flush**  
 Outside colour **RAL 9007 matt**  
 Handle **HLS4**  
 Escutcheon **ESC-1**  
 Windows **P4A Safety triple glazing**  
 Glazing **Matt**





Design **703**  
Model **RD100 flush**  
Outside colour **TG68/80043 + RAL9016 mat**  
Handle **H90RB-1600 mm stainless steel**  
Escutcheon **ESC-3**  
Windows **P4A Safety triple glazing**  
Glazing **Etched effect**  
Applique **Inlay**  
Decor **Carving**



Design **639**  
Model **RD80 flush**  
Outside colour **RAL 7016 anthracite**  
Handle **H90S40 800 mm stainless steel**  
Escutcheon **ESC-1**  
Windows **P4A Safety triple glazing**  
Glazing **Matt**  
Applique **Inlay**











Design **208**  
 Model **RD100 flush**  
 Outside colour **TG68/80043**  
 Handle **H90R-1600 mm stainless steel**  
 Escutcheon **ESC-3**  
 Windows **P4A Safety triple glazing**  
 Glazing **Matt**  
 Applique **Inlay**



Design **207**  
 Model **RD100 smooth**  
 Outside colour **RAL 8007 mat**  
 Handle **H90R-1200 mm stainless steel**  
 Finger scanner **FSC3**  
 Escutcheon **ESC-2**  
 Windows **P4A Safety triple glazing**  
 Glazing **Matt**  
 Applique **Inlay**

Design **512**  
Model **RD80 flush**  
Outside colour **MARS 2525 SABLE**  
Handle **H45RB-800 mm stainless steel**  
Escutcheon **ESC-3**  
Windows **P4A Safety triple glazing**  
Glazing **Matt**



Design **701**  
Model **RD80 flush**  
Outside colour **RAL 9016 mat**  
Handle **H45R 800 mm stainless steel**  
Escutcheon **ESC-3**  
Windows **P4A Safety triple glazing**  
Glazing **Matt**  
Applique **Inlay**  
Decor **Carving**







Design **705**  
 Model **RD100 flush**  
 Outside colour **RAL9016 matt**  
 Handle **H90RB-800 mm stainless steel**  
 Escutcheon **ESC-3**  
 Windows **P4A Safety triple glazing**  
 Glazing **Etched effect**  
 Applique **Inlay + Old Oak**  
 Decor **Carving**



Design **704**  
 Model **RD100 flush**  
 Outside colour **White RAL 9016 matt**  
 Handle **H90R 800 mm stainless steel**  
 Escutcheon **ESC-3**  
 Windows **P4A Safety triple glazing**  
 Glazing **Custom etched effect**  
 Applique **Inlay**  
 Decor **Carving**

Design **650**  
Model **RD80**  
Outside colour **RAL 7012 matt**  
Handle **H45R-500 mm stainless steel**  
Escutcheon **ESC-3**  
Finger scanner **FSC3**  
Windows **P4A Safety triple glazing**  
Glazing **Matt**  
Decor **Carving**



Design **615**  
Model **RD80 flush**  
Outside colour **RAL 4004 matt**  
Handle **H45R 500 mm stainless steel**  
Escutcheon **ESC-3**  
Windows **P4A Safety triple glazing**  
Glazing **Matt**  
Applique **Inlay**







Design **630**  
 Model **RD80 flush**  
 Outside colour **RAL 9016 matt**  
 Handle **H90R-1200 mm stainless steel**  
 Escutcheon **ESC-3**  
 Windows **P4A Safety triple glazing**  
 Glazing **Patterned**  
 Applique **Inlay**



Design **641**  
 Model **RD80 flush**  
 Outside colour **Tiger 29/71335**  
 Handle **H45R-1200 mm stainless steel**  
 Escutcheon **ESC-3**  
 Windows **P4A Safety triple glazing**  
 Glazing **Patterned**  
 Applique **Inlay Golden Oak**

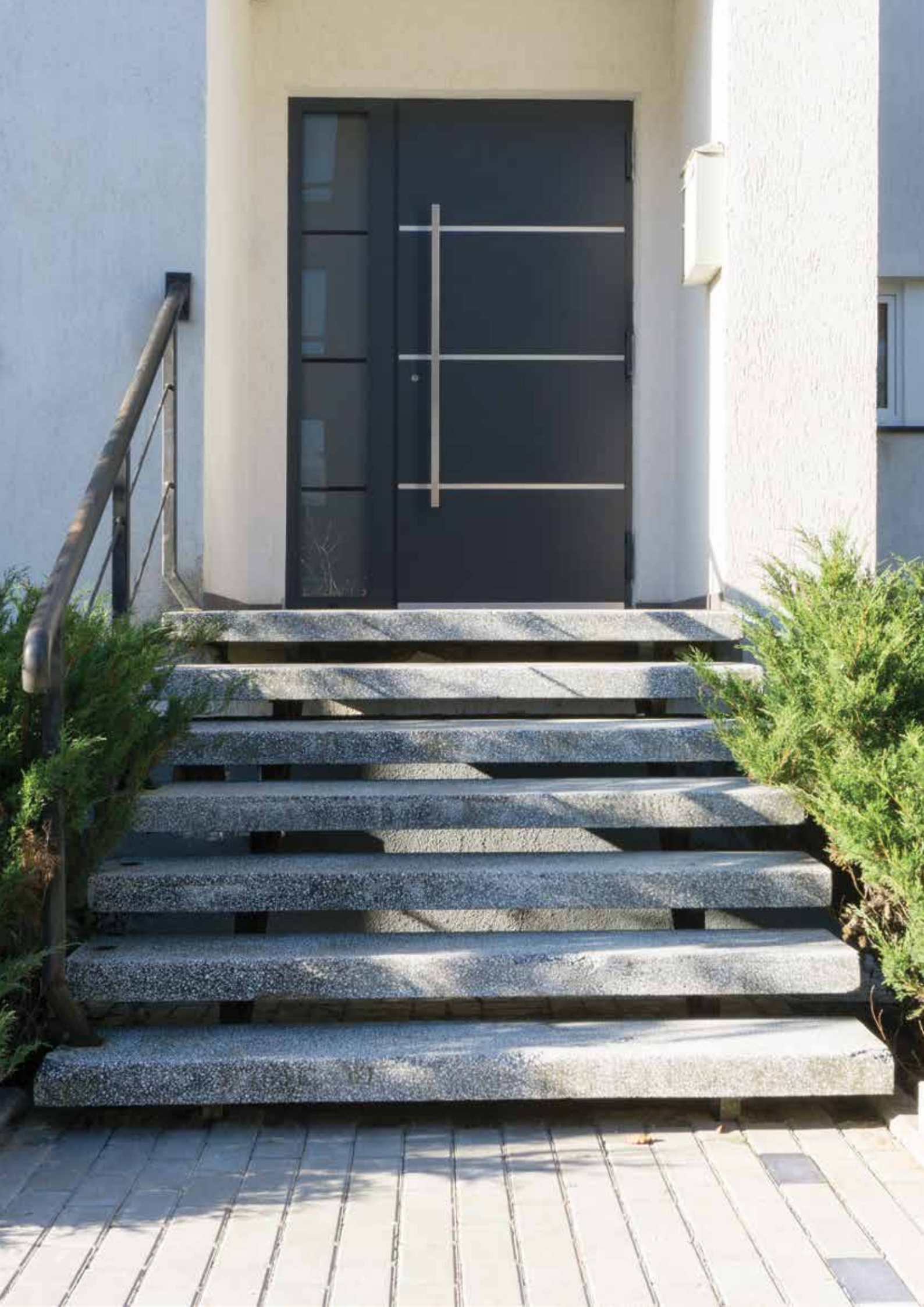


Design **207**  
Model **RD80 flush**  
Outside colour **RAL 7016 matt**  
Handle **H90S-1200 mm stainless steel**  
Escutcheon **ESC-3**  
Finger scanner **FSC4**  
Windows **P4A Safety triple glazing**  
Glazing **Etched effect**  
Applique **Inlay**  
Kick plate **Smooth**



Design **207**  
Model **RD100 flush**  
Outside colour **Golden Oak**  
Handle **H90R-1600 mm stainless steel**  
Escutcheon **ESC-3**  
Applique **Inlay**  
Kick plate **Smooth**









Design **909**  
 Model **RD80 flush**  
 Outside colour **TG68/80043**  
 Handle **H90S-1200 mm stainless steel**  
 Escutcheon **ESC-4**  
 Finger scanner **FSC-Ekey**  
 Windows **P4A Safety triple glazing**  
 Glazing **Custom etched effect**  
 Applique **Inlay**  
 Decor **Carving**



Design **651**  
 Model **RD100 flush**  
 Outside colour **RAL7016**  
 Handle **H90R-1600 mm stainless steel**  
 Escutcheon **ESC-3**  
 Glazing **P4A Safety triple glazing**  
 Windows **Matt**  
 Applique **Inlay**





















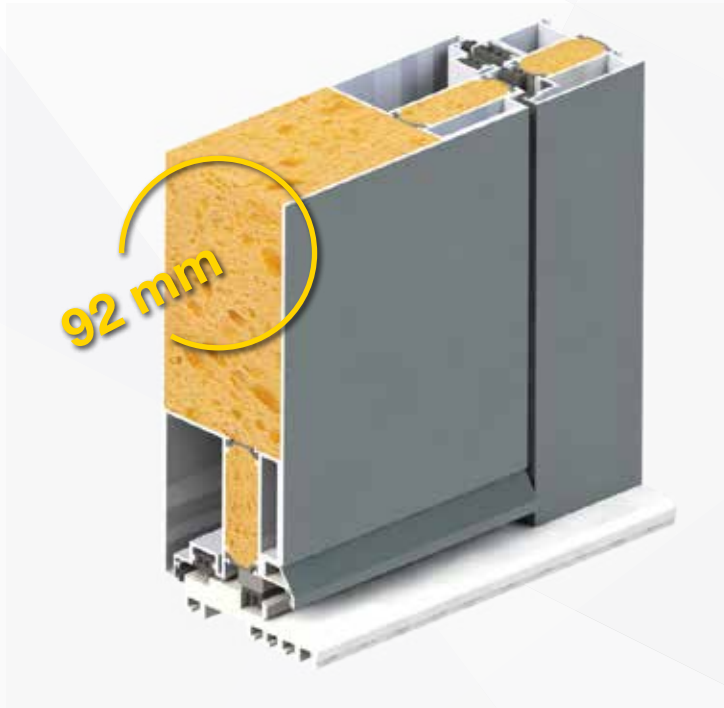
Frame is made of aluminium profiles with thermal break. Leaf's outside skin - 2.5 mm thick aluminium sheets.

Thermal insulation - freon free PU foam.

Triple all round perimeter rubber weather sealing.

Made to order up to 1250 mm wide & 2250 mm high. For bigger sizes consult manufacturer.

**RD80**



Thermal transmittance

U value



**0.69 W/m<sup>2</sup>K**

Safety resistance class

EN 12519



**RC 3\***

Wind resistance class

EN 12207:199-11



**3**

Rain resistance class

EN 12208:199-11



**6A**

Sound reduction

EN 717-1:2013



**-32 Db**

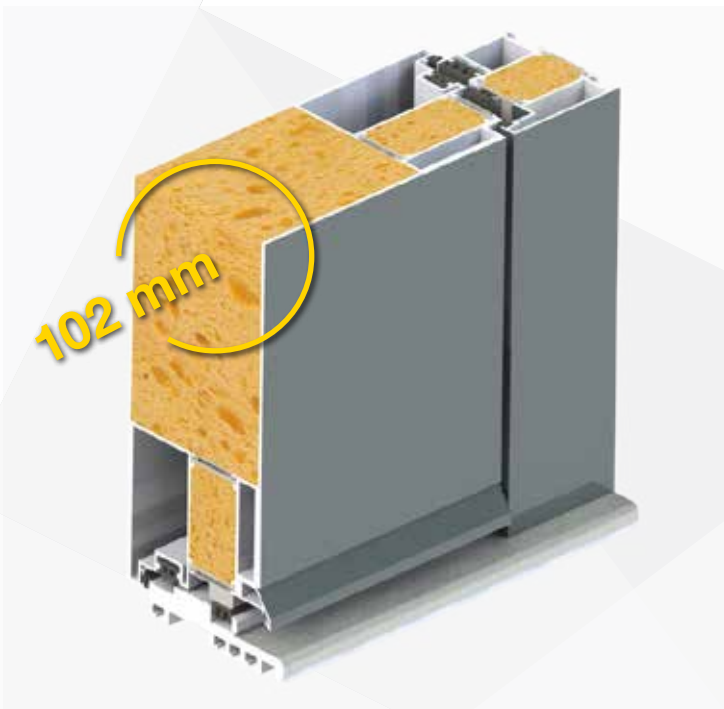
\*optional, standard RC2

Hi-end durable magnetic 'pop-up' threshold.  
Opening inside and outside (optional).

All windows and sidelights are triple glazed with safety glass. Lots of decorative glazing options available including individual design.

Ryterna entrance doors are made to resist the elements and certified by IFT testing institute in Rosenheim, Germany.

## RD100



RC 3

Thermal transmittance  
U value



**0.65 W/m<sup>2</sup>K**

Safety resistance class  
EN 12519



**RC 3\***

Wind resistance class  
EN 12207:199-11



**3**

Rain resistance class  
EN 12208:199-11



**6A**

Sound reduction  
EN 717-1:2013

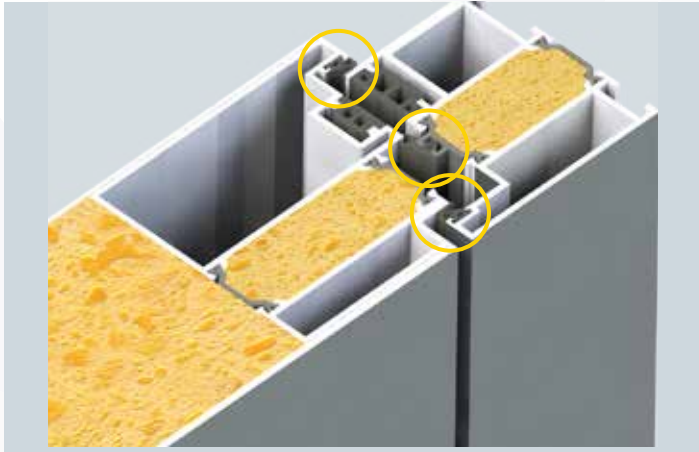


**-32 Db**

\*optional, standard RC2

## ✓ Two types of frames

1. Flat
2. Jutted

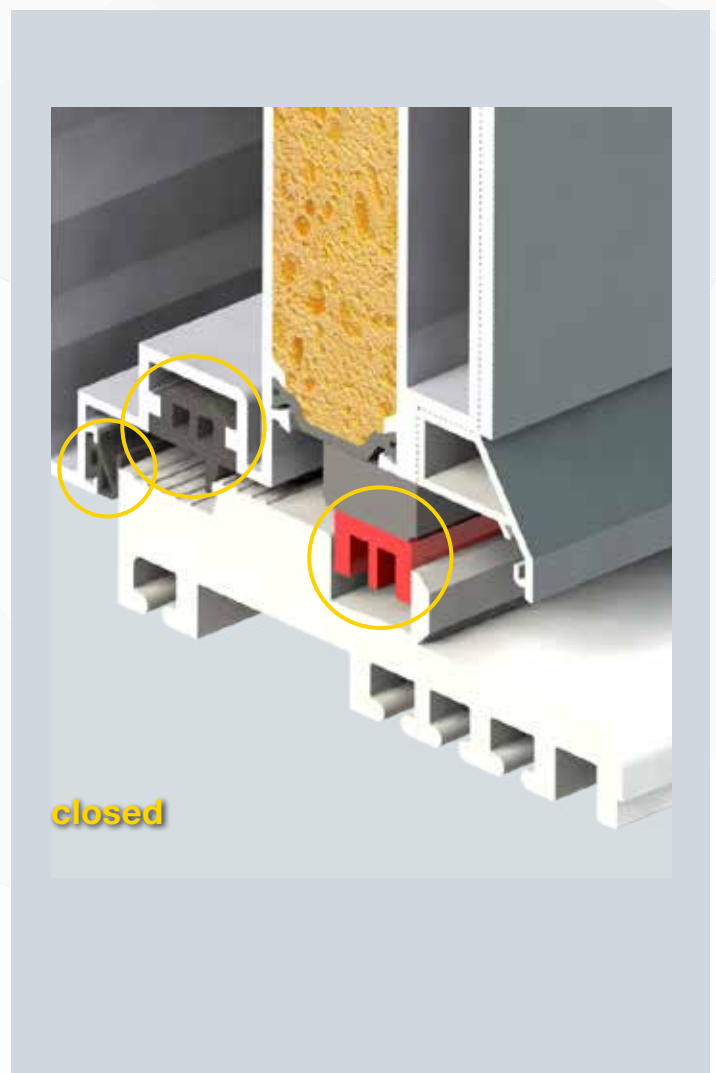


## ✓ Door leaf

Flush leaf with aluminium sheet skin

## ✓ Magnetic threshold

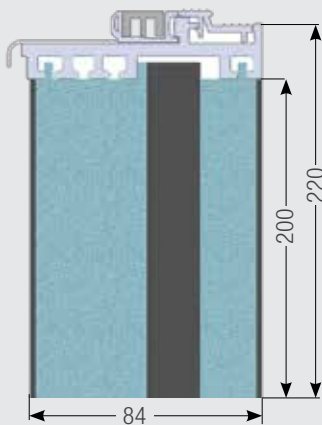
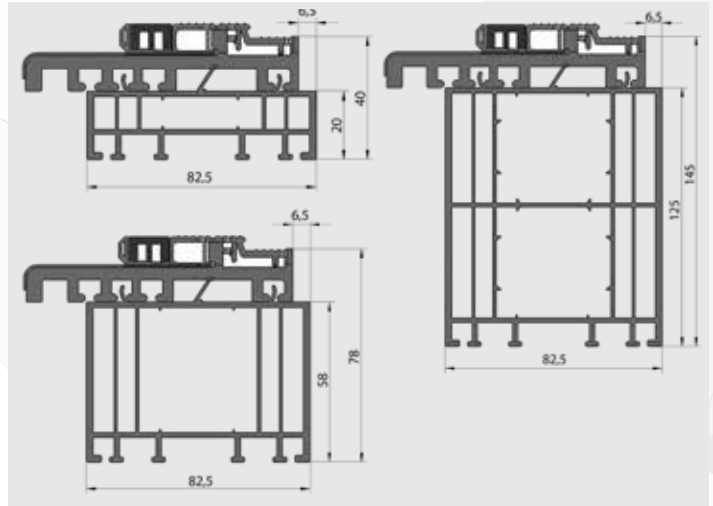
Door threshold has triple sealing and 'pop-up' magnetic seal. Hi-end durable and maintenance-free threshold system significantly improves insulation and is suitable for wheel-chairs. When you close the door magnetic seal pops-up and perfectly seal bottom gap between leaf and threshold. When opening the door you 'tear off' magnetic seal and it gently drops back in to its groove.





### ✓ Add-on bottom profiles

Available heights:  
20 mm, 58 mm and 125 mm



### ✓ Add-on bottom thermo profiles

Minimum height: 25 mm  
Maximum height: 200 mm

### ✓ Key cylinders (safety classes A,B,C)

WILKA key cylinders are famous for their security and reliability. You can choose one of three safety classes: A,B or C the highest. WILKA cylinder comes with 5 keys. Additional keys are available on request



### ✓ Partial opening lock

Available aluminium and white colours



**POL**

✓ **Locks**

KFV locks are made from high-quality materials with precise workmanship.

Hi-tech mechanics ensure reliable, precise and easy operation. Lots of options starting from the simplest 3 point lock up to sophisticated 5 point lock.

**KFV**



✓ **3 points multiple lock** **L3P**

Main lock deadbolt and hook bolts operated by the key.

✓ **5 points multiple lock** **L5P**

Two round latch bolts lock the leaf on closure automatically and opens by the key. Deadbolt and hook bolts operated by the key.

✓ **Day & Night** **L3P+D&N**

3 point multi-point lock with option to temporary disable self-locking. Main deadbolt and hook bolts operated by the key.

✓ **Electric 1** **L3P+D&N+EM**

3 point multi-point lock with electric latch and option to temporary disable self-locking. Main lock deadbolt and hook bolts operated by the key.

✓ **Electric 2** **L5PMA**

5 point multi-point lock. Round latch and hook bolts lock the leaf on closure automatically. Deadbolt operated by the key only. If deadbolt is engaged automatic unlocking is disabled. All latches open by electric drive when turning the key or pressing lever handle. Lock can be connected to finger-scanner or keypad (optional)

✓ **Electric 3** **L5PA**

5 point multi-point lock with all latches and deadbolt operated by electric drive. Locks automatically when closing the door. All latches and deadbolt open by electric drive when turning the key or pressing lever handle. Not compatible with lever handle from outside, pull handle only. Lock can be connected to finger-scanner and keypad (optional)

✓ **Electric 4** **L5P + panic function**

5 point multi-point lock.

Round latch bolts and hook bolts lock the leaf on closure automatically. Deadbolt is locked by the key. All latches and deadbolt are unlocked by pressing inside handle.



**L3P**



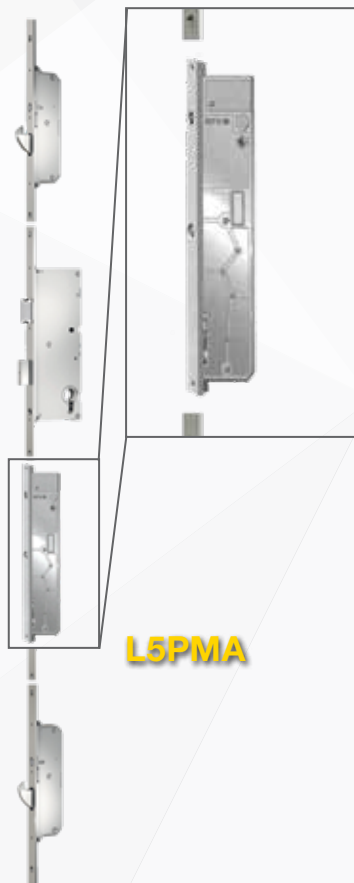
**L5P**



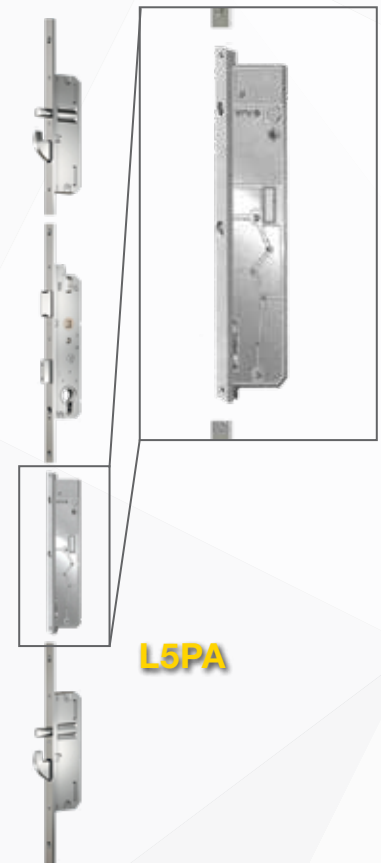
**L3P+D&N**



**L3P+D&N+EM**



**L5PMA**



**L5PA**



✓ **Stainless steel pull handles**



**H45R**

Ø 30 mm  
45°

**Height available:**

500 mm  
800 mm  
1200 mm  
1400 mm  
1600 mm



**H45S**

30x20 mm  
45°

**Height available:**

500 mm  
800 mm  
1200 mm  
1400 mm  
1600 mm



**H90R**

Ø 30 mm  
90°

**Height available:**

500 mm  
800 mm  
1200 mm  
1400 mm  
1600 mm  
1800 mm



**H90S**

30x20 mm  
90°

**Height available:**

500 mm  
800 mm  
1200 mm  
1400 mm  
1600 mm  
1800 mm



**H90S40**

40x10 mm  
90°

**Height available:**

500 mm  
800 mm  
1200 mm  
1400 mm  
2000 mm



**H90S40B**

40x10 mm  
90°

**Height available:**

500 mm  
800 mm  
1200 mm



**H90RB**

Ø 30 mm  
90°

**Height available:**

500 mm  
800 mm  
1200 mm  
1400 mm  
1600 mm



**HRB**

Ø 30 mm

**Height available:**

500 mm  
800 mm

\*Outside only



**\*HS**

**Height available:**  
1000 mm



**\*IH**

**Size available:**  
(500x130 mm)

### ✓ Lever and knob handles



**HL-W** (White)



**HL-B** (Black)



**\*HK-W** (White)



**\*HK-B** (Black)



**HLA** (Aluminium)



**HLS 01** (Stainless steel)



**HLS 02** (Stainless steel)



**HLS 03** (Stainless steel)



**HLS 04** (Stainless steel)



**HLS 05** (Stainless steel)



**HLS 06** (Stainless steel)



**\*HLS 07** (Stainless steel)



**HLS 10** (White)



**HLS 11** (Aluminium)



**HLS 12** (Stainless steel)

\*In pairs only the rest can be fitted inside only or in pairs

### ✓ Escutcheons

You can choose from five stainless steel escutcheons.



**ESC-1**



**ESC-2**



**ESC-3**



**ESC-4**



**ESC-5**  
(Drill proof)

✓ **Keypads**

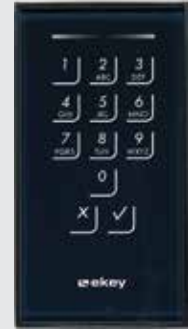
EKEY keypads are secure and easy to operate. Can contain up to 99 entries. Can be installed on door leaf or on wall.

Ekey White



**KP2**

Ekey Black



**KP3**





### ✓ Ekey Arte **FSC1**

Thanks to its compact design Arte finger scanner can be integrated discreetly into unusual door designs and fittings.

### ✓ Ekey Integra **FSC2**

The finger scanner is mounted in the wall using stainless-steel accessories (in-wall set).

The finger scanner will only operate when connected to an ekey control panel.

Both finger-scanners can be controlled by app. So you can open the door with your smart-phone and enjoy all the benefits of operation via app.



**FSC1**



**FSC2**

### ✓ Sommer finger scanner **FSC3**

Secure and easy to operate Sommer finger-scanner will bring more convenience in to your everyday life.

By entering your own 3 fingerprints you can easily operate entrance, garage doors and gate. Just with three touches you can close gate, garage door and open entrance door or vice versa.

### ✓ Sommer remote handset **RMT1**

Sommer finger-scanner and remote handset are compatible with each other. 4 channel handset can operate 4 different objects like entrance or garage door, gates or yard lights.

Secure rolling code transmitter signal can not be copied. Just one beautifully crafted ergonomic handset can replace a bunch of keys.



**FSC3**

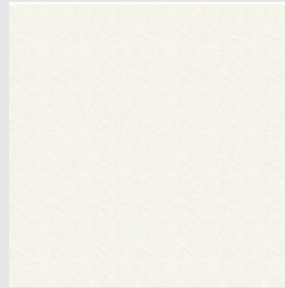


**RMT1**

## ✓ Inside RAL colours

- RAL 9016 gloss 20%
- Any colour from Ryterna official RAL palette

## Standard colours



**RAL 9016**

## Custom colours

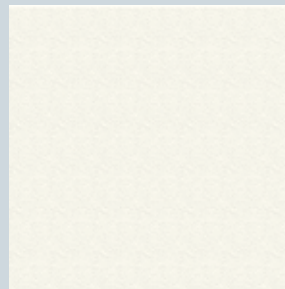


**Ryterna RAL palette**

## ✓ Outside RAL colours

- RAL 9016 gloss 20%
- RAL 7016 gloss 20%
- RAL 7016 structure
- RAL 7016 Anthracite TG68/80043
- Any colour from Ryterna official RAL palette

## Standard colours

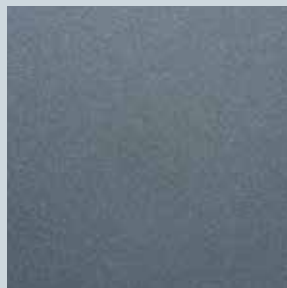


**RAL 9016**

## Custom colours



**RAL 7016**



**RAL 7016 structure**



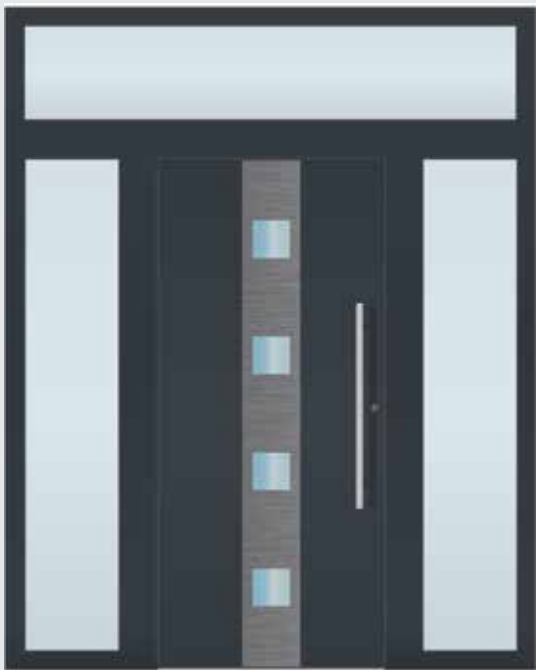
**RAL 7016 Anthracite TG68/80043**



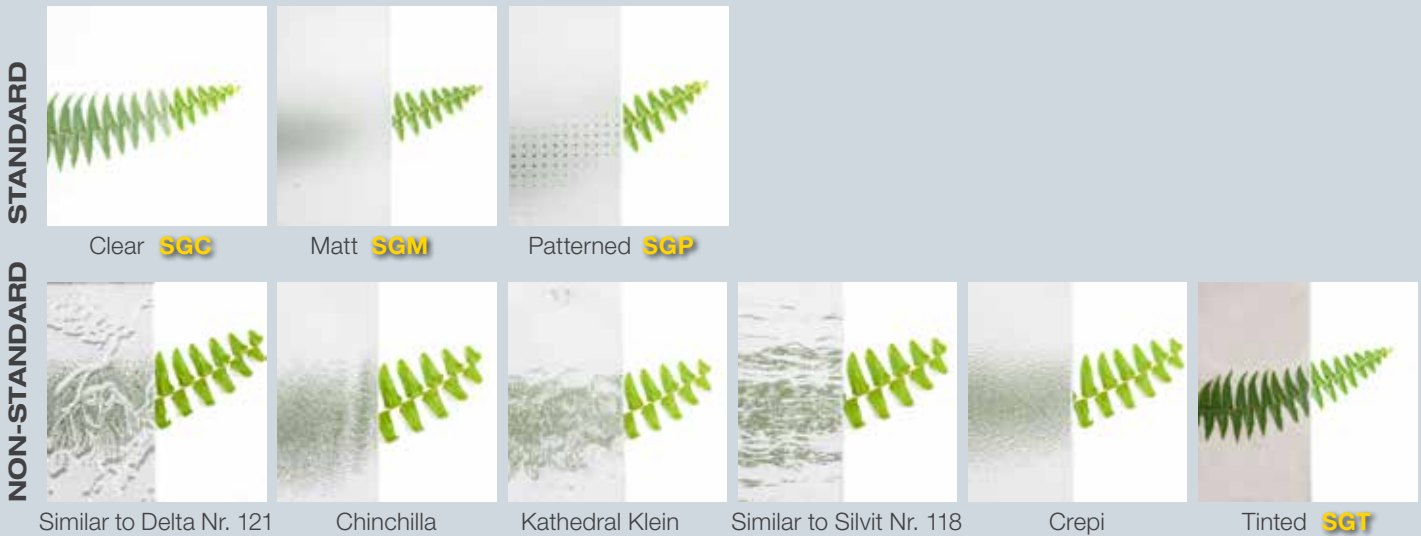
**Ryterna RAL palette**



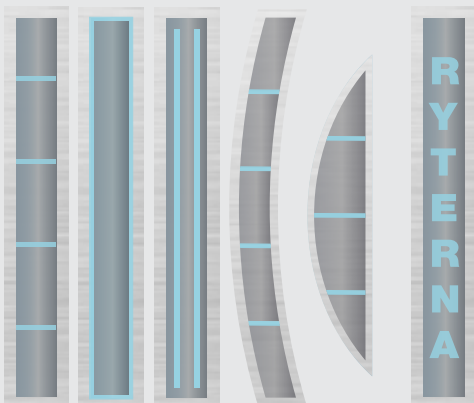
### ✓ Side and top elements



### ✓ Glazing options



### ✓ Etched effect glazing



For design possibilities and price consult the manufacturer.





**200**



**201**



**202**



**203**



**204**



**205**



**206**



**207**



**301**



**302**



**303**



**304**



**305**



**306**



**307**



308



309



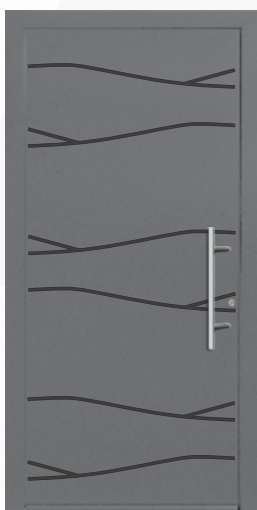
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312



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401



402



501



502



503



504



505



506



507



508



509



510



511



512



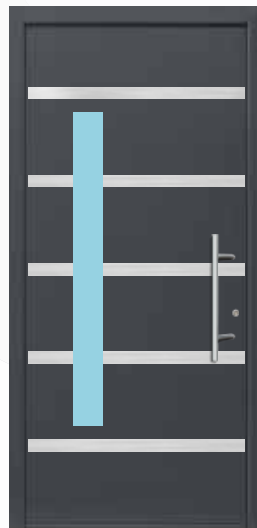
601



602



603



604



605



606





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619



620



621



**622**



**623**



**624**



**625**



**626**



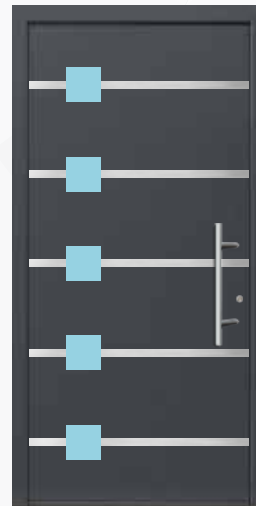
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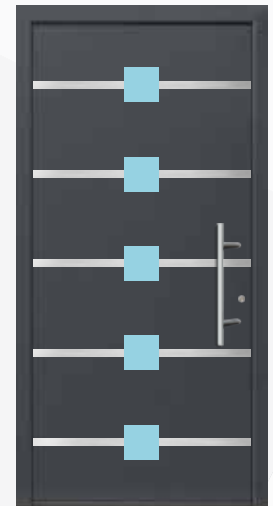
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**629**



**630**



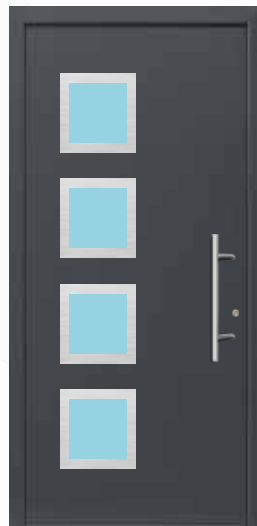
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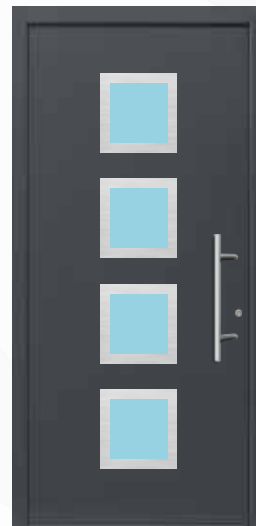
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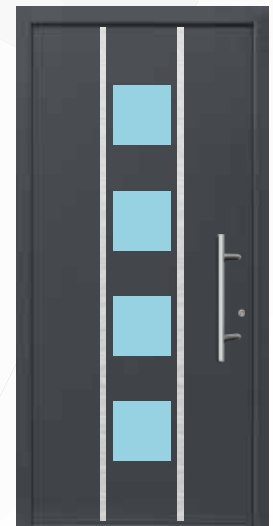
**633**



**634**



**635**



**636**



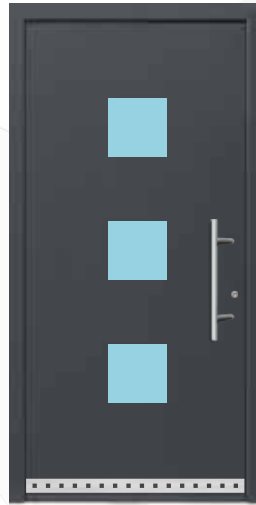
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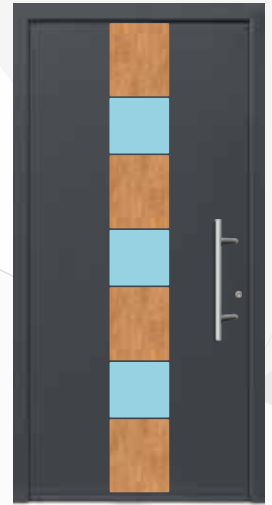
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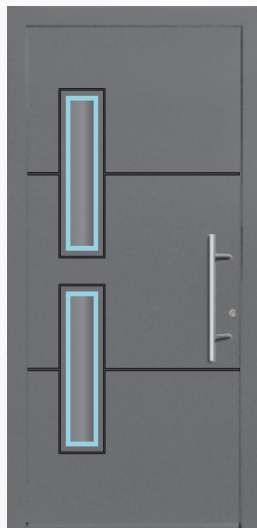
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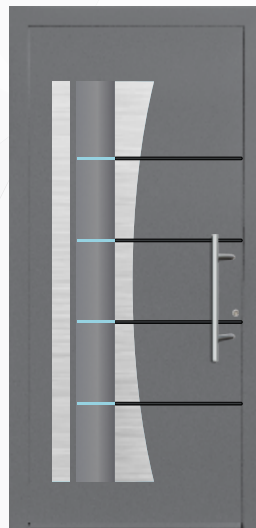
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648



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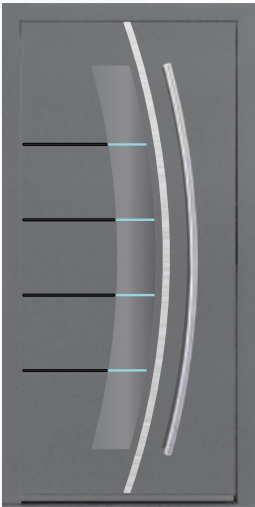


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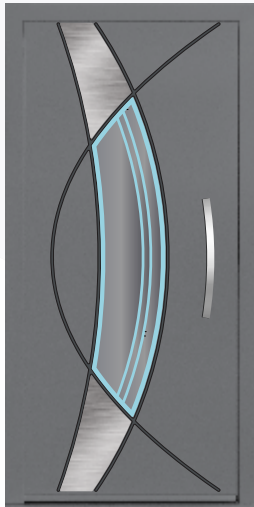


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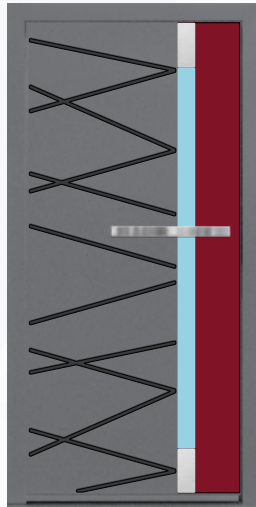




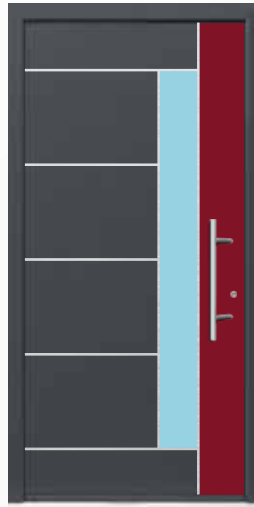
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704



801



802



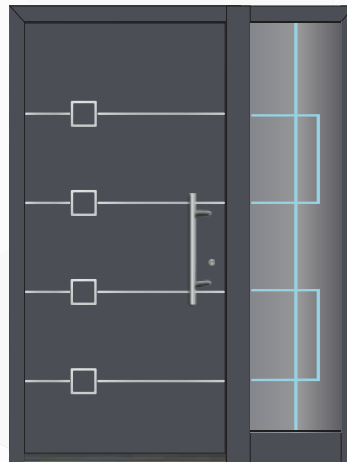
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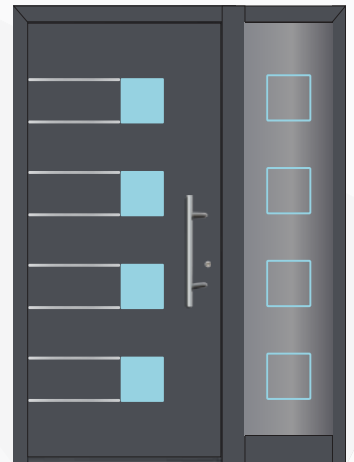
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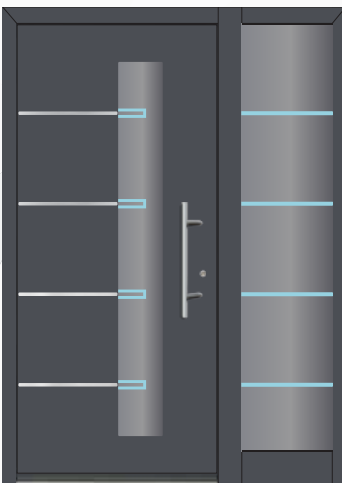
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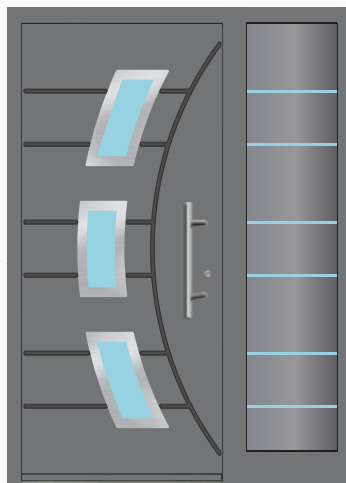
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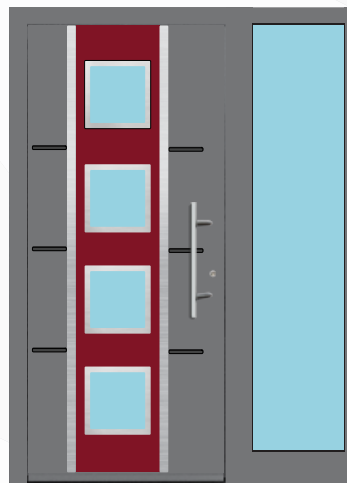
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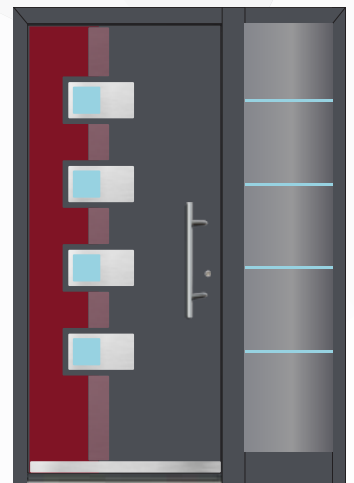
905



906



907



908

\* you can modify existing or create your own door design





















release date:  
18.06.2019

