



# Front Doors

## **RD80/RD100**





Your front door is a key element of your house façade. Every day you see, touch, and use it. Consequently, your door should complement the façade, be safe and secure whilst providing the very best insulation from the element's. High tech. finishes and the very best accessories should ensure maintenance free use.

Ryterna offer a wide range of made-to-measure front doors in numerous design choices including the possibility to create your individual / bespoke design. The latest technologies combined with the perfect design features ensure an outstanding appearance and performance.

'Ryterna Entry' is a part of the 'Ryterna Group' who have been manufacturing doors since 1993. With authorised dealers all over Europe and our own transport fleet we can provide the shortest possible lead times. Ryterna entrance doors are manufactured in a new efficient factory located in Kaunas, Lithuania. Sustainability in manufacture combined with the thermal performance of our products is central to our growth philosophy. Ryterna constantly seek for morally responsible and environmentally cleaner ways to improve in all areas of business.

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



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Design **1055**  
Model **RD80**  
Outside colour **TG68/80043 +corten image panel+glass**  
Handle **IH-ALU+LED+corten-1800**  
Escutcheon **ESC-3**  
Glazing **Tinted SGT**



Design **804**  
Model **RD100**  
Outside colour **RAL7016 + Golden Oak**  
Handle **H90WD/G-1200**  
Escutcheon **ESC-3**  
Glazing **Etched effect**  
Applique **Inlaid stainless metal**  
Decor **Carving**





Design **1041**  
Model **RD80**  
Outside colour **RAL7016 + wood image panel**  
Handle **H90S40-1200**  
Escutcheon **ESC-3**  
Glazing **Etched effect**



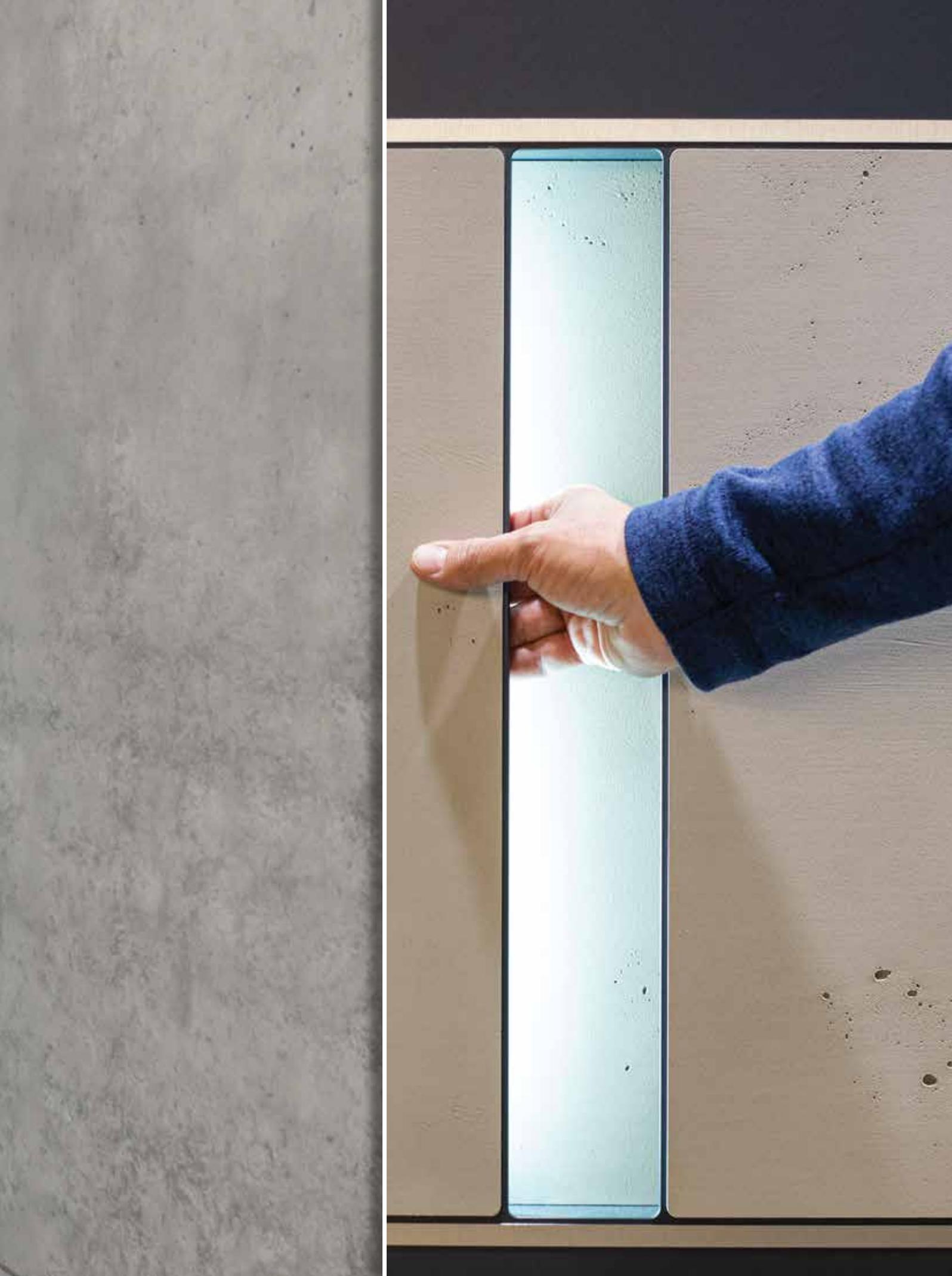




Design **1020**  
Model **RD80**  
Outside colour **RAL7016 + corten image panel**  
Handle **H90S40-1200**  
Escutcheon **ESC-3**  
Applique **Inlaid stainless metal**



Design **1001**  
Model **RD80**  
Outside colour **RAL7016 + concrete image panel**  
Handle **IH-ALU+LED+concrete-500**  
Escutcheon **ESC-3**  
Applique **Inlaid stainless metal**





Design **705**  
Model **RD100**  
Outside colour **RAL7016**  
Handle **H90RB-800**  
Escutcheon **ESC-3**  
Glazing **Etched effect**  
Applique **Inlaid stainless metal+Golden Oak**  
Decor **Carving**

Design **805**  
 Model **RD80**  
 Outside colour **RAL 9005 + Old Oak**  
 Handle **H90WD/O-1200**  
 Escutcheon **ESC-3**  
 Finger scanner **FSC3**  
 Applique **Inlaid stainless metal**  
 Glazing **Etched effect**



Design **641**  
 Model **RD80**  
 Outside colour **Tiger 29/71335**  
 Handle **H45R-1200**  
 Escutcheon **ESC-3**  
 Glazing **Patterned SGP**  
 Applique **Inlaid Golden Oak**



Design **601**  
Model **RD80**  
Outside colour **RAL7040**  
Handle **H90S-800**  
Finger scanner **FSC3**  
Escutcheon **ESC-3**  
Glazing **Etched effect**  
Applique **Inlaid stainless metal**

Design **652**  
 Model **RD80**  
 Outside colour **PP300/Black pearl**  
 Handle **H90S-800+LED**  
 Escutcheon **ESC-3**  
 Glazing **Tinted SGT**  
 Applique **Inlaid stainless metal**



Design **654**  
 Model **RD80**  
 Outside colour **TG68/80043**  
 Handle **H90R-1800**  
 Escutcheon **ESC-3**  
 Glazing **Etched effect**  
 Applique **Inlaid stainless metal**



Design **639**  
Model **RD80**  
Outside colour **Anthracite TG68/80043**  
Handle **H90S40-800**  
Escutcheon **ESC-1**  
Glazing **Matt SGM**  
Applique **Inlaid stainless metal**

Design **702**  
 Model **RD80**  
 Outside colour **RAL9007**  
 Handle **H90S-1200**  
 Escutcheon **ESC-3**  
 Glazing **Etched effect**  
 Applique **Inlaid stainless metal**  
 Decor **Carving**



Design **801**  
 Model **RD80 flush**  
 Outside colour **RAL7040 +RAL9016**  
 Handle **H90S40B-500**  
 Escutcheon **ESC-3**  
 Glazing **Matt SGM**  
 Applique **Inlaid stainless metal**  
 Decor **Carving**



Design **207**  
Model **RD100**  
Outside colour **RAL8007**  
Handle **H90R-1200**  
Escutcheon **ESC-3**  
Glazing **Clear SGC**  
Applique **Inlaid painted**



Design **208**  
 Model **RD100**  
 Outside colour **Anthracite TG68/80043**  
 Handle **H90R-1600**  
 Escutcheon **ESC-3**  
 Glazing **Matt SGM**  
 Applique **Inlaid stainless metal**



Design **207**  
 Model **RD100**  
 Outside colour **RAL 8007 mat**  
 Handle **H90R-1200**  
 Finger scanner **FSC3**  
 Escutcheon **ESC-2**  
 Glazing **Matt SGM**  
 Applique **Inlaid stainless metal**  
 Kick plate **Smooth**



Design **704**  
Model **RD100**  
Outside colour **RAL9016**  
Handle **H90RB-1400**  
Escutcheon **ESC-3**  
Glazing **Custom etched effect**  
Applique **Inlaid stainless metal**  
Decor **Carving**

Design **703**  
 Model **RD100**  
 Outside colour **Anthracite TG68/80043 + RAL9016**  
 Handle **H90RB-1600**  
 Escutcheon **ESC-3**  
 Glazing **Etched effect**  
 Applique **Inlaid stainless metal**  
 Decor **Carving**



Design **Individual**  
 Model **RD80**  
 Outside colour **Anthracite TG68/80043**  
 Handle **H90R-1600**  
 Escutcheon **ESC-1**  
 Glazing **Etched effect**  
 Applique **Inlaid stainless metal**



Design **701**  
Model **RD80**  
Outside colour **RAL9016**  
Handle **H45R-800**  
Escutcheon **ESC-3**  
Glazing **Matt SGM**  
Applique **Inlaid stainless metal**  
Decor **Carving**

Design **655**  
 Model **RD80**  
 Outside colour **RAL9016**  
 Handle **H90S-1800**  
 Finger scanner **FSC3**  
 Escutcheon **ESC-3**  
 Applique **Inlaid stainless metal**  
 Glazing **Clear SGC**



Design **653**  
 Model **RD80**  
 Outside colour **RAL9001**  
 Handle **H90R-1600**  
 Escutcheon **ESC-3**  
 Glazing **Etched effect**  
 Applique **Inlaid stainless metal**





Design **615**  
Model **RD80**  
Outside colour **RAL7016**  
Handle **H90S40-800**  
Escutcheon **ESC-3**  
Glazing **Matt SGM**  
Applique **Inlaid stainless metal**

Design **650**  
 Model **RD80**  
 Outside colour **RAL7012**  
 Handle **H45R-500**  
 Escutcheon **ESC-3**  
 Finger scanner **FSC3**  
 Glazing **Matt SGM**  
 Decor **Carving**



Design **615**  
 Model **RD80**  
 Outside colour **RAL4004**  
 Handle **H45R-500**  
 Escutcheon **ESC-3**  
 Glazing **Matt SGM**  
 Applique **Inlaid stainless metal**





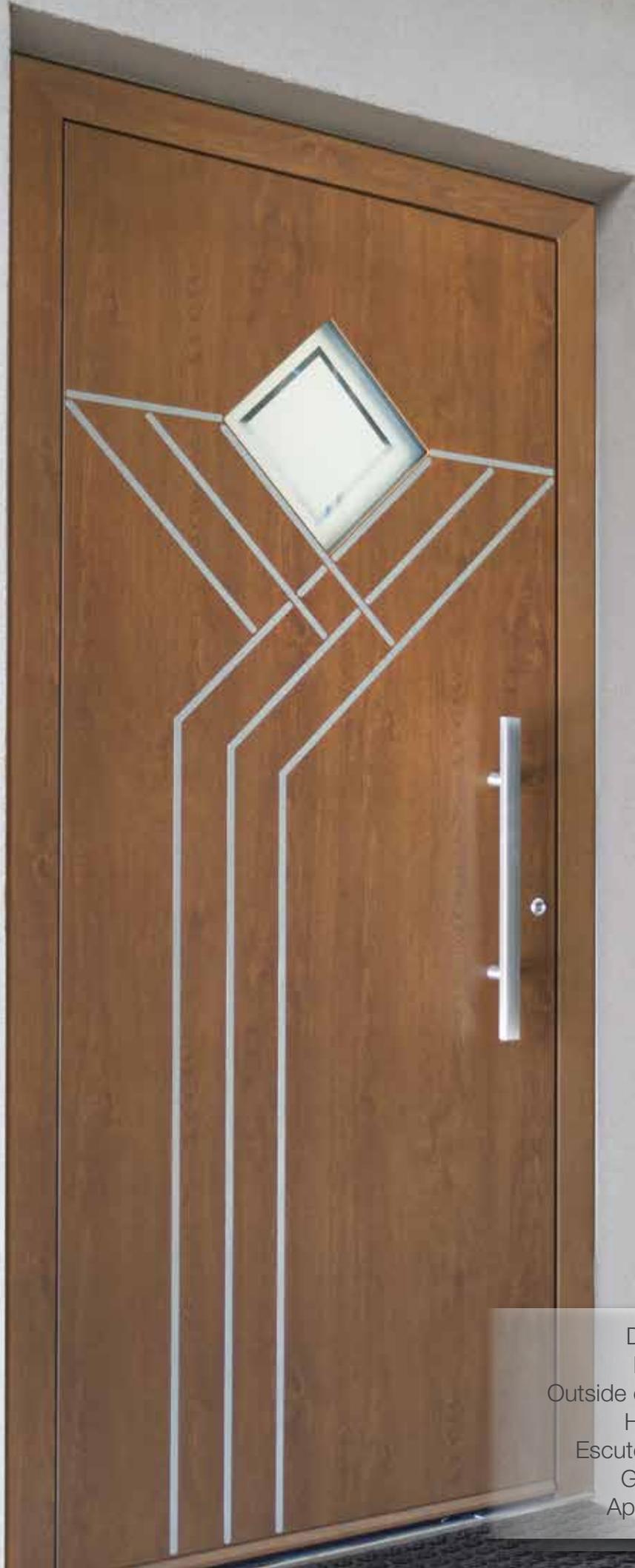
Design **907**  
Model **RD80**  
Outside colour **RAL 9016+RAL4004**  
Handle **H45R-1600**  
Escutcheon **ESC-2**  
Glazing **Tinted SGT**  
Applique **Inlaid stainless metal**

Design **630**  
 Model **RD80**  
 Outside colour **RAL-9016**  
 Handle **H90R-1200**  
 Escutcheon **ESC-3**  
 Glazing **Patterned SGP**  
 Applique **Inlaid stainless metal**



Design **603**  
 Model **RD80**  
 Outside colour **RAL9016**  
 Handle **H45R-500**  
 Escutcheon **ESC-1**  
 Glazing **Matt SGM**  
 Applique **Inlaid stainless metal**





Design **657**  
Model **RD80**  
Outside colour **Golden Oak**  
Handle **H90S-500**  
Escutcheon **ESC-3**  
Glazing **Etched effect**  
Applique **Inlaid stainless metal**





Design **Individual**  
Model **RD100**  
Outside colour **RAL7016+RAL3005**  
Handle **H90S40B-800**  
Escutcheon **ESC-3**  
Windows **Matt SGM**  
Applique **Inlaid stainless metal**





Design **643\***  
Model **RD100**  
Outside colour **RAL7016**  
Handle **HRB-800**  
Escutcheon **ESC-3**  
Glazing **Matt SGM**  
Applique **Inlaid stainless metal**





Design **Individual**  
Model **RD100**  
Outside colour **RAL7016**  
Handle **H90R-1400**  
Escutcheon **ESC-3**  
Glazing **Clear SGC**  
Applique **Inlaid stainless metal**





Design **910**  
Model **RD100**  
Outside colour **Tiger 29/90147/Tiger 29/60740**  
Handle **HS-1000**  
Escutcheon **ESC-3**  
Glazing **Custom etched effect**  
Applique **Inlaid stainless metal**





Design **Individual**  
Model **RD100**  
Outside colour **RAL7040**  
Handle **HLS04**  
Glazing **Tinted SGT**  
Applique **Inlaid stainless metal**





Design **909**  
Model **RD100**  
Outside colour **RAL7016+RAL9016**  
Handle **H90RB-1400**  
Escutcheon **ESC-3**  
Glazing **Etched effect**  
Applique **Inlaid stainless metal**  
Kick plate **Smooth**



The door frame is constructed from aluminium profiles including a thermal break to reduce thermal transference from the outer to inner skin. The door leaf's inner and outer skins are created from a single sheet 2.5 mm thick aluminium sheets (some designs may differ).

The door's inner core, assembly profiles and frames are filled with a strong environmentally friendly freon free PU foam.

Triple all round perimeter rubber weather sealing completes a combination that gives Ryterna entrance doors the following performance values:

## RD80



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

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**

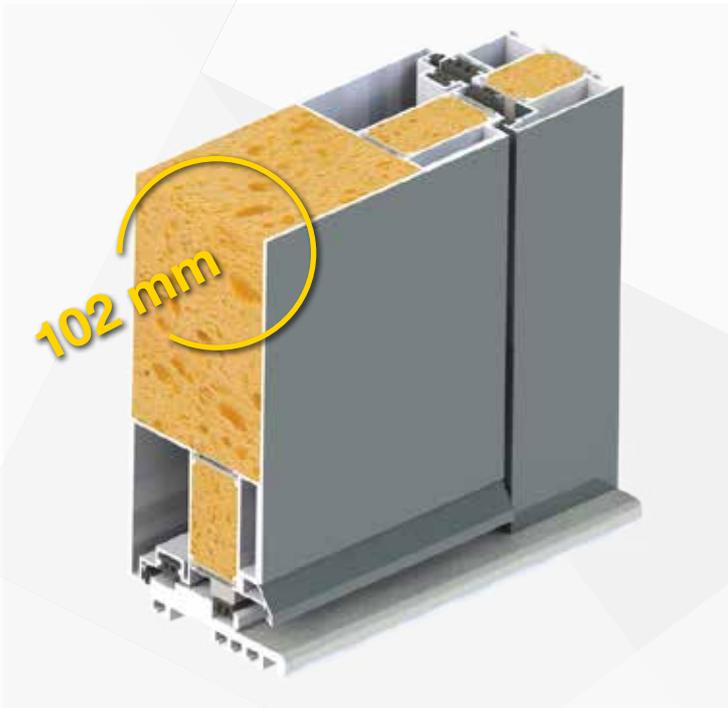
\* RC2 as standard - RC3 option upgrade

A high quality durable magnetic 'pop-up' threshold is supplied with all RD80 & RD100 doors. Opening into the building and out are available.

All windows and sidelights are triple glazed with safety glass. Many decorative glass options are available including bespoke / custom engraving. Individual design elements can be added to complete your bespoke / custom doors.

All doors are made to order up to 1250mm wide & 2250mm high. For larger sizes consult manufacturer for feasibility.

# RD100



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

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

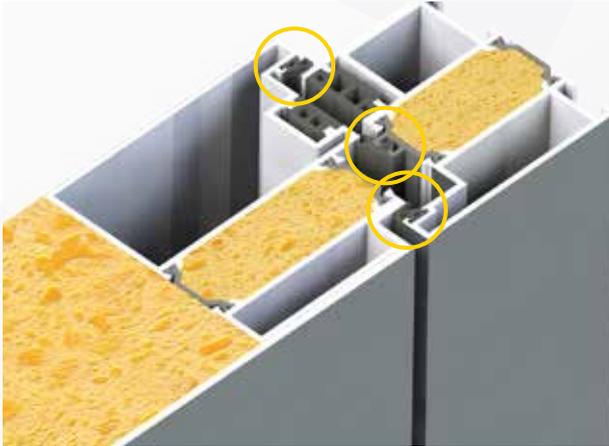


**-32 Db**

\* RC2 as standard - RC3 option upgrade

## ✓ Two types of frames

1. Flat
2. Jutted



## ✓ Door leaf

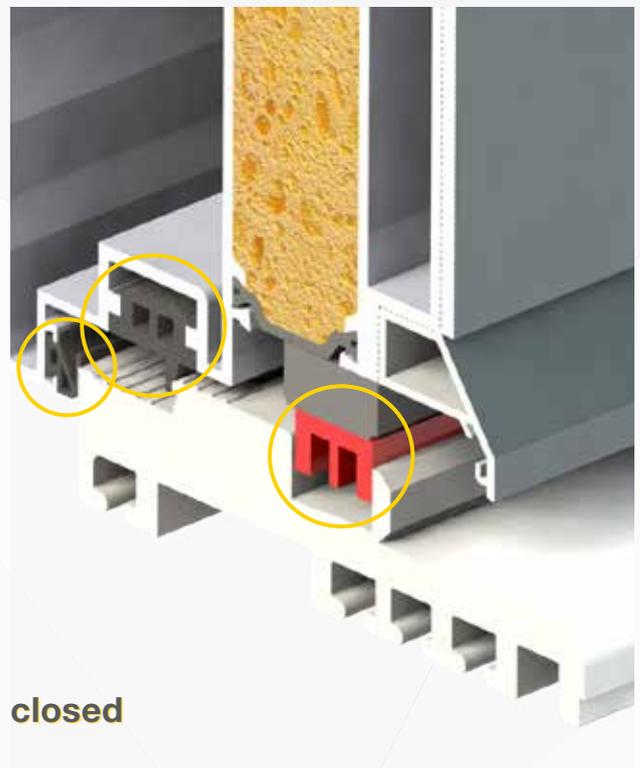
Flush leaf with aluminium sheet skin.

## ✓ Magnetic threshold

The 'pop-up' magnetic strip is a high quality durable and maintenance free threshold system that significantly improves insulation and draughts. Two further rubbers ensure the best possible performance.

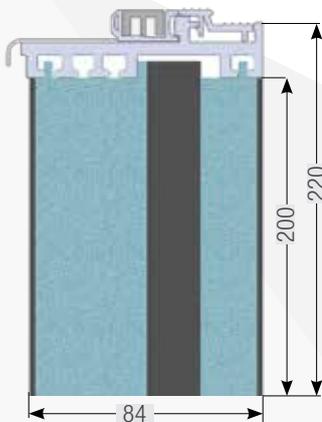
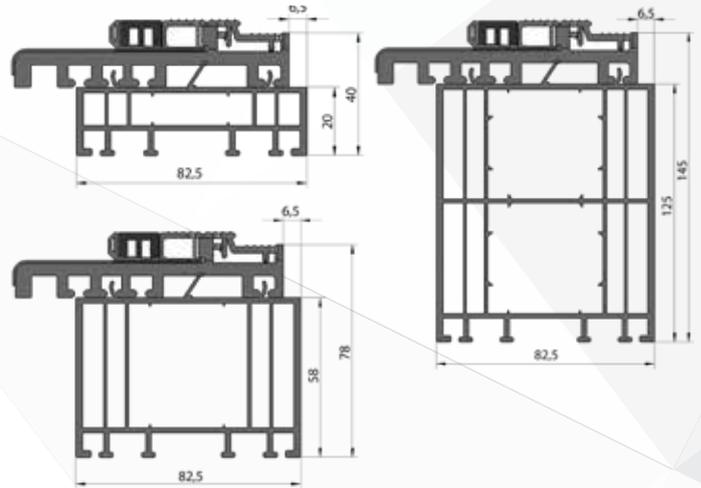
As the door closes a magnetic strip rises to create a perfect seal between the threshold and door. As the door opens the strip gently drops back into its groove reducing the step.

Our magnetic threshold has been designed to reduce the obstacles met by wheelchairs, prams and other wheeled vehicles.



✓ **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 lock cylinders are famous for their security and quality. You can choose one of three security classes: A, B or C. With C been the highest. 5 keys are supplied with all WILKA cylinders.



**CWA**



**CWA+TT**

✓ **Partial opening lock**

Available in Silver or white.



**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).

Not compatible with lever handle from outside, pull handle only.

#### ✓ Electric 3 **L5PM (without electric motor)**

5 point multi-point lock.

Round latch and hook bolts lock the leaf on closure automatically. Deadbolt operated by the key only.

All latches and deadbolt are unlocked by pressing inside handle.

Not compatible with lever handle from outside, pull handle only.

#### ✓ Electric 4 **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 5 **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**



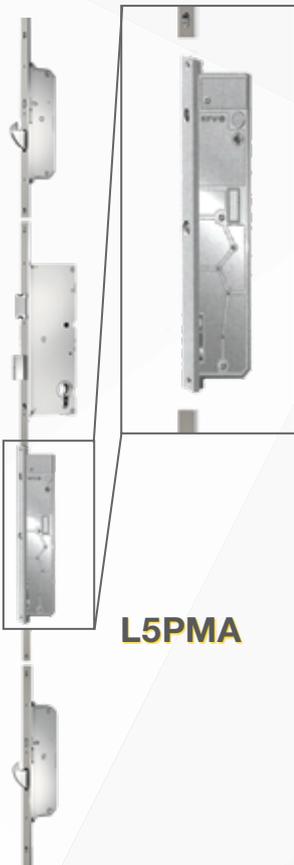
**L5P**



**L3P+D&N**



**L3P+D&N+EM**



**L5PMA**



**L5PM**



**L5PA**



**L5P+  
panic  
funktion**

## ✓ Escutcheons

You can choose from five stainless steel escutcheons.



**ESC-1**



**ESC-2**



**ESC-3**



**ESC-4**



**ESC-5**  
(Drill proof)

## ✓ Stainless steel pull handles



**H45R**

Ø 30 mm  
45°

**Heights available:**

500 mm  
800 mm  
1200 mm  
1400 mm  
1600 mm



**H45S**

30x20 mm  
45°

**Heights available:**

500 mm  
800 mm  
1200 mm  
1400 mm  
1600 mm



**H90R**

Ø 30 mm  
90°

**Heights available:**

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



**H90S**

30x20 mm  
90°

**Heights available:**

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



**H90S40**

40x10 mm  
90°

**Heights available:**

500 mm  
800 mm  
1200 mm  
1400 mm  
2000 mm



**H90S40B**

40x10 mm  
90°

**Heights available:**

500 mm  
800 mm  
1200 mm



**H90RB**

Ø 30 mm  
90°

**Heights available:**

500 mm  
800 mm  
1200 mm  
1400 mm  
1600 mm



**HRB**

Ø 30 mm

**Heights available:**

500 mm  
800 mm



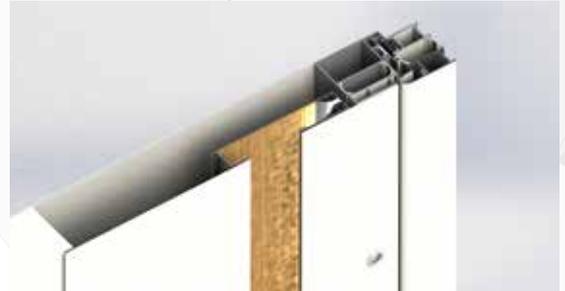
**HS**  
Height available:  
1000 mm



**H90WD**  
Heights available:  
800 mm  
1200 mm  
Colours available:  
Gold Oak  
Old Oak



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



**IH-ALU**  
Sizes available:  
500 mm 1400 mm  
800 mm 1600 mm  
1200 mm 1800 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)

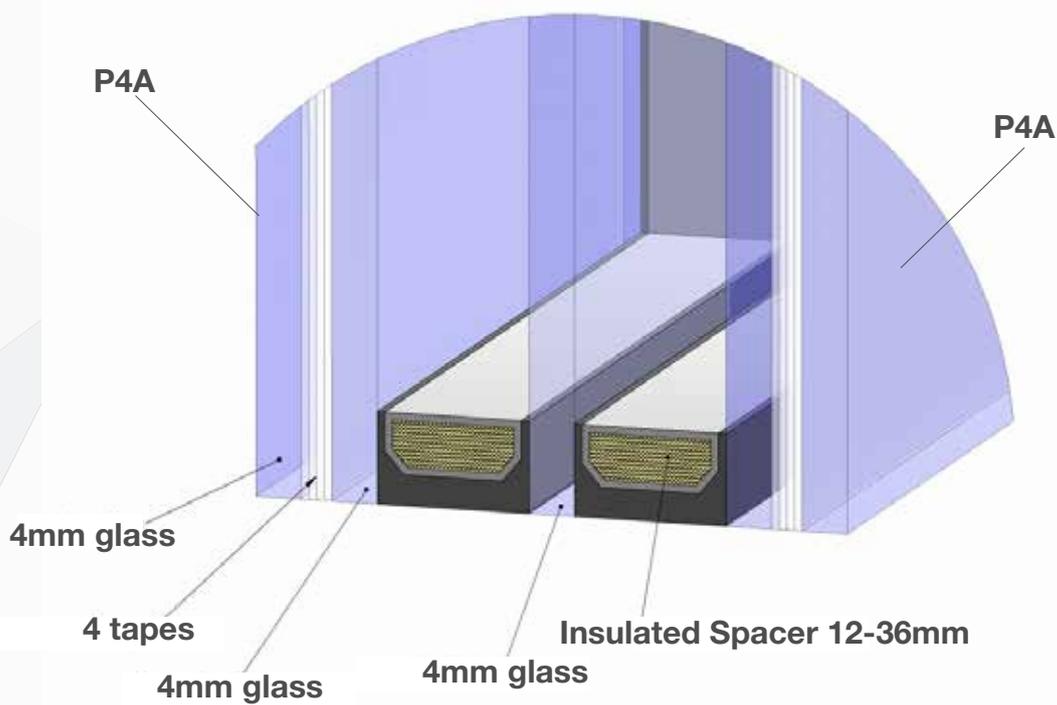


**HLS 11** (Aluminium)



**HLS 12** (Stainless steel)

\*In pairs only (inside/outside).



✓ **Triple safety glazing**

Triple glazing on door leaves and side elements. Safety glass P4A outside and inside.



## ✓ Inside RAL colours

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

### Standard colours



**RAL 9016**

### Custom colours

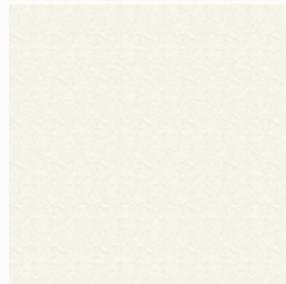


**Ryterna RAL palette**

## ✓ Outside RAL colours

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

### Standard colours

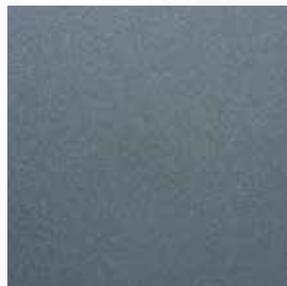


**RAL 9016**

### Custom colours



**RAL 7016**



**RAL 7016 structure**

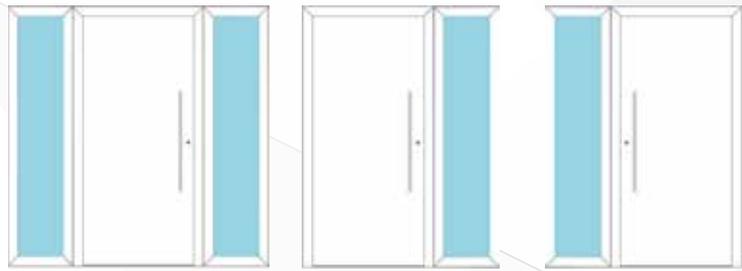
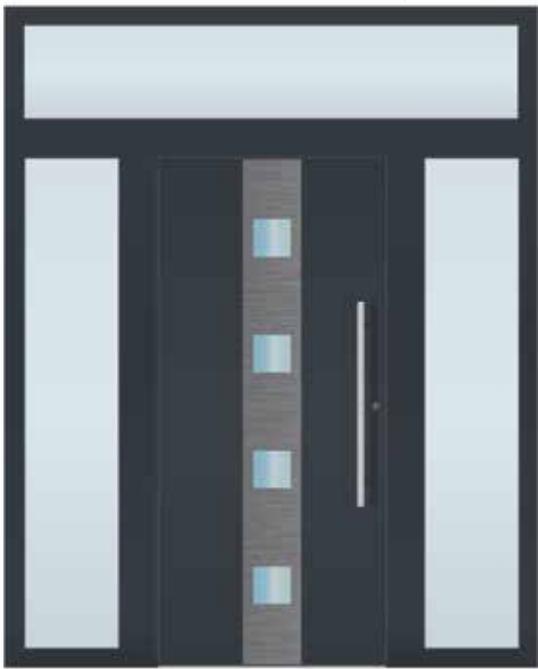


**Anthracite TG68/80043**



**Ryterna RAL palette**

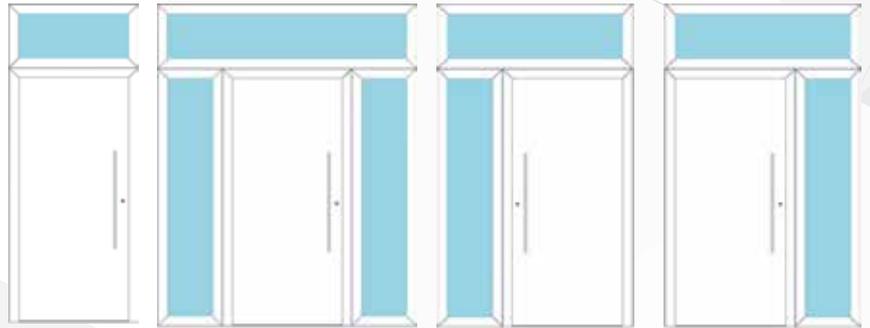
✓ Side and top elements



LRW

RW

LW



TW

TLRW

TLW

TRW

✓ Glazing options

STANDARD



Clear **SGC**



Matt **SGM**



Patterned **SGP**

NON-STANDARD



Similar to Delta Nr. 121



Chinchilla



Kathedral Klein



Similar to Silvit Nr. 118

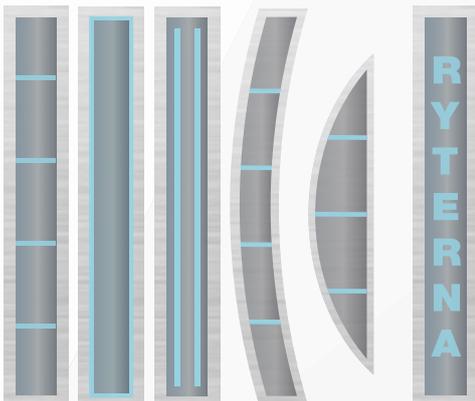


Crepri



Tinted **SGT**

✓ Etched effect glazing



For design possibilities and price consult the manufacturer.



200



201



202



203



204



205



206



207



208



301



302



303



304



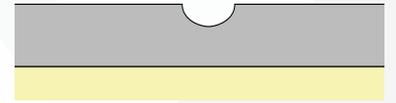
305



306



Stainless metal with brushed surface finish



**Inlaid stainless metal appliqué**

**Carving**



**307**



**308**



**309**



**310**



**311**



**312**



**313**



**314**



**315**



**316**



**317**



**401**



**402**



**501**



**502**



503



504



505



506



507



508



509



510



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605



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631



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656



657



701



702



703



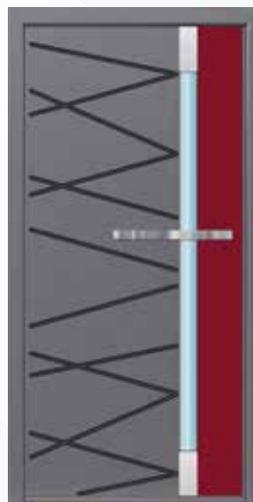
704



705



706



801



802

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



803



804



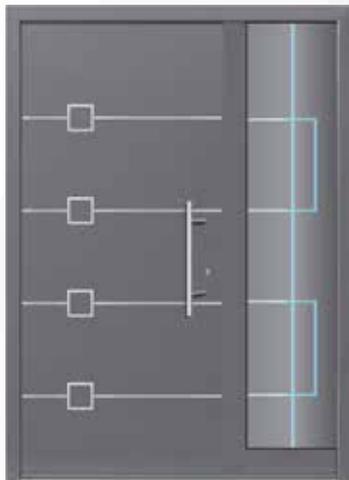
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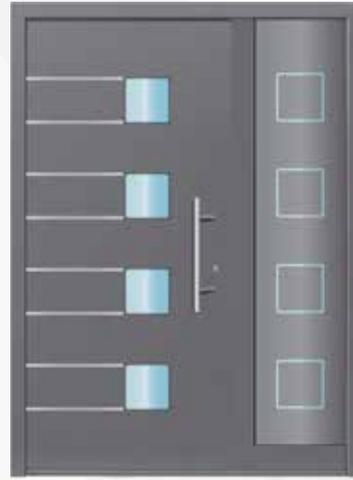
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902



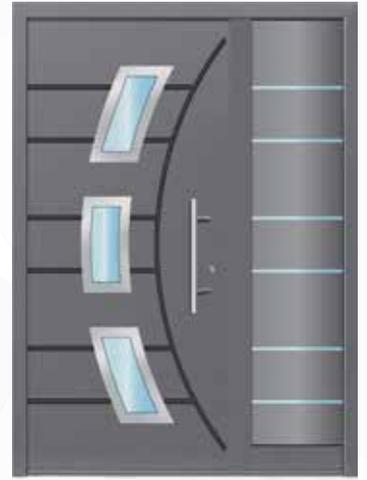
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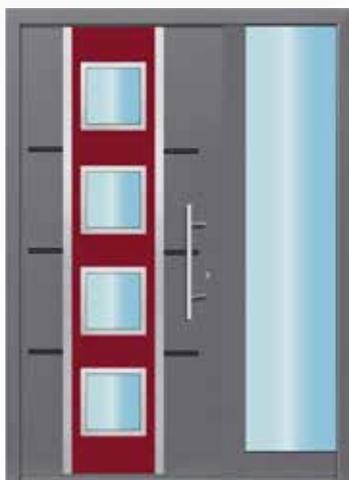
904



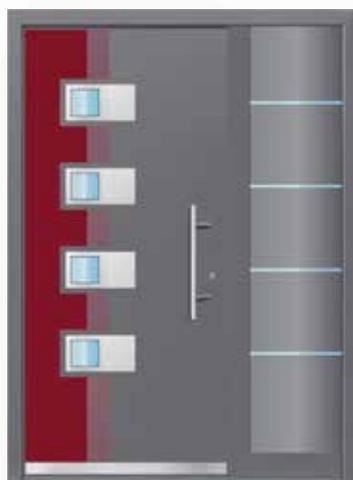
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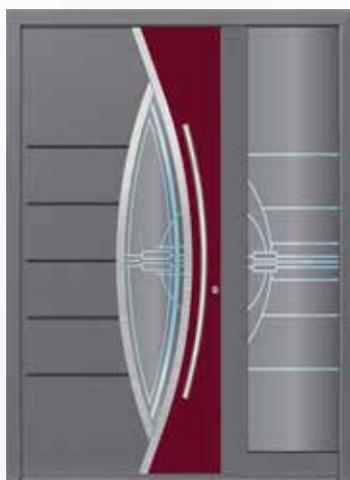
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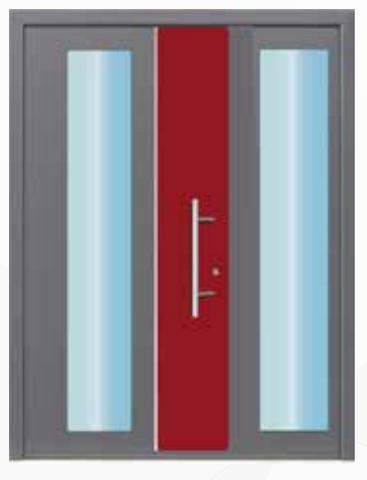
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908



909



910



**1000** concrete



**1001** concrete



**1002** concrete



**1003** concrete



**1004** concrete



**1005** concrete



**1006** concrete



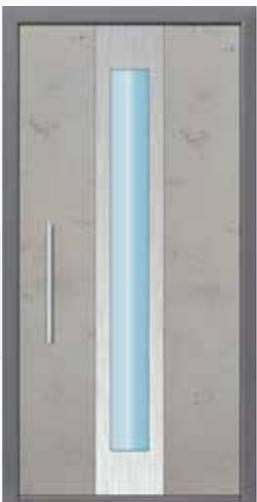
**1007** concrete



**1008** concrete



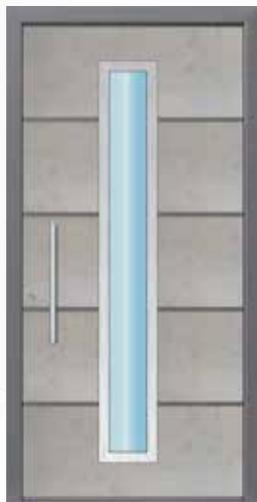
**1009** concrete



**1010** concrete



**1011** concrete



**1012** concrete



**1020** corten



**1021** corten

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



**1022** corten



**1023** corten



**1024** corten



**1025** corten



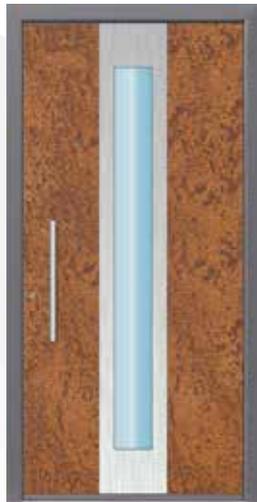
**1026** corten



**1027** corten



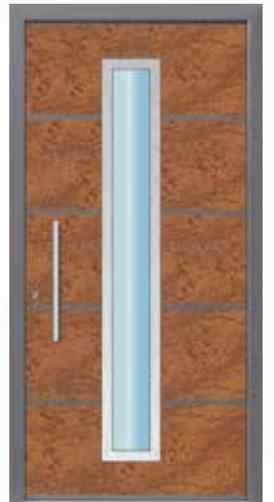
**1028** corten



**1029** corten



**1030** corten



**1031** corten



**1032** corten



**1040** wood



**1041** wood



**1042** wood



**1043** wood



**1044 wood**



**1045 wood**



**1046 wood**



**1050 glass**



**1051 glass**



**1052 glass**



**1053 glass**



**1054 glass**



**1055 glass+corten**



Visit <https://ryternaentry.doorconfigurator.com/>



Design **706**  
Model **RD100**  
Outside colour **RAL7016**  
Handle **H90S40B-800**  
Escutcheon **ESC-3**  
Glazing **Etched effect**  
Applique **Inlaid stainless metal**  
Decor **Carving**

release date:  
28.07.2020



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