



Front Doors

RD80/RD100





The front door is a key element of the house façade. Every day you see, you touch, and use it. Consequently, the door must be safe, energy-saving, matching the exterior, maintenance-free, and most importantly have a good appearance.

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

In this brochure, You can review basic door models, designs, and options.

'Ryterna Entry' is a part of the 'Ryterna Group' supplying doors to the European market since 1993. Having branches all over Europe and our own transport fleet we can provide the shortest possible lead times. Trying to go green as much as possible we implement sustainability and circular economy principles so our customers could be sure they will get quality and environment-friendly products.

www.ryternaentry.com



RD80/RD100 designs	4
RD80 features	30
Features	44
Locking systems	48
Handles	50
Glazing	52
Finger scanners	53
Colours	54
Side and top elements	55
RD80/RD100 standard designs	56
RD80/RD100 Exclusive designs	64







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 **1005**
Model **RD80**
Outside colour **RAL7016 + wood image panel**
Handle **H90S40-800**
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+Old 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 **650**
 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-1600**
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 **651**
 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 **H90S-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**





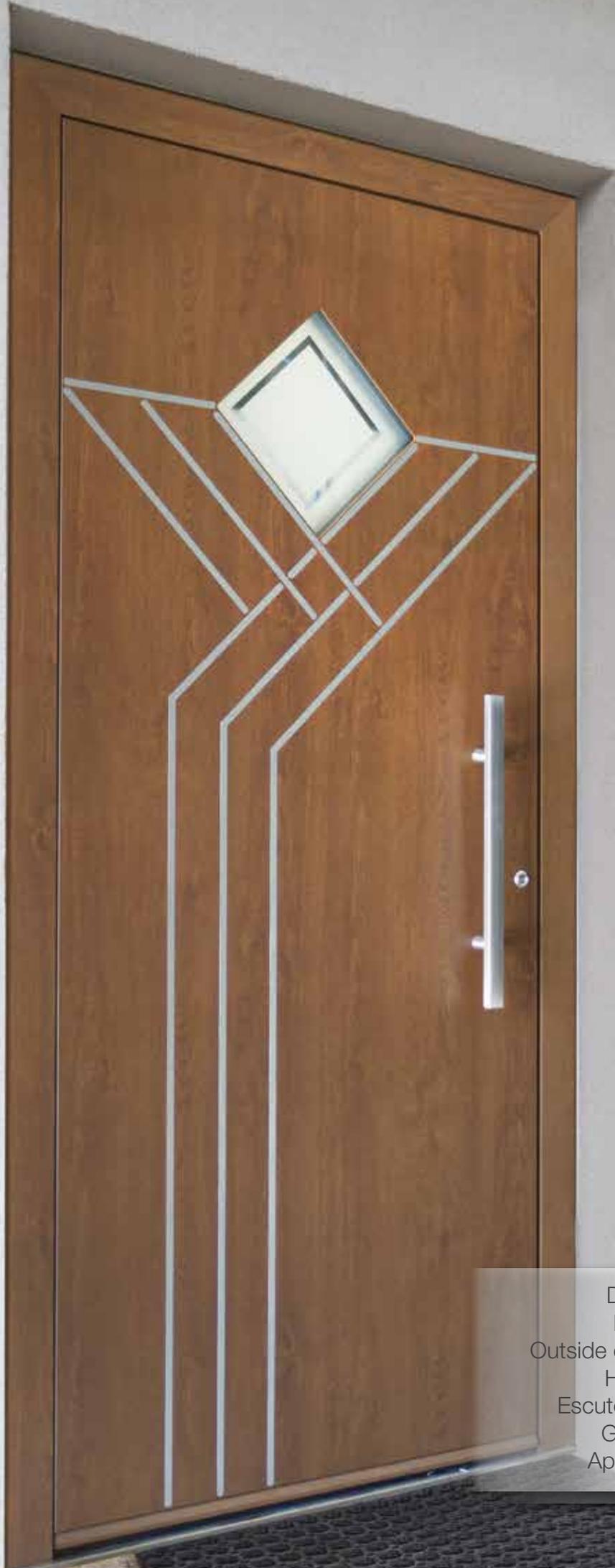
Design **907**
Model **RD80**
Outside colour **RAL 9016+RAL4004**
Handle **H45R-1600**
Escutcheon **ESC-2**
Glazing **Tinted SGT**
Applique **Inlaid stainless metal**

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 **653**
Model **RD80**
Outside colour **Golden Oak**
Handle **H90S-500**
Escutcheon **ESC-3**
Glazing **Etched effect**
Applique **Inlaid stainless metal**





Design **651**
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-1600**
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**



A grey mailbox mounted on the wall.

A vertical grey downspout pipe.

A narrow grey window with a white frame.

A white pot containing green foliage.

A terracotta pot containing a bare tree.

A garden bed with various plants, including lavender and yellow flowers.



Design **651**
Model **RD100**
Outside colour **RAL7016+RAL9016**
Handle **H90RB-1600**
Escutcheon **ESC-3**
Glazing **Etched effect**
Applique **Inlaid stainless metal**
Kick plate **Smooth**



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



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/m²K

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



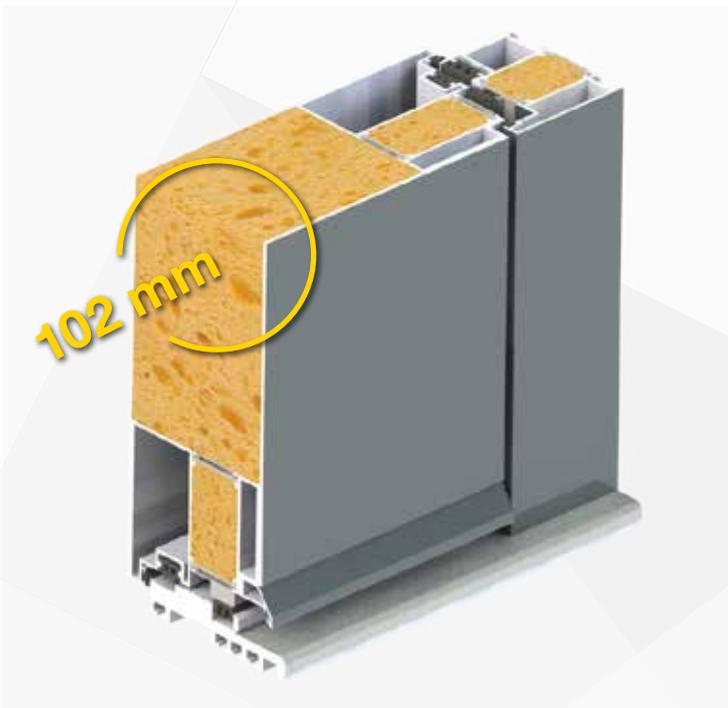
-32 Db

*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.

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/m²K

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

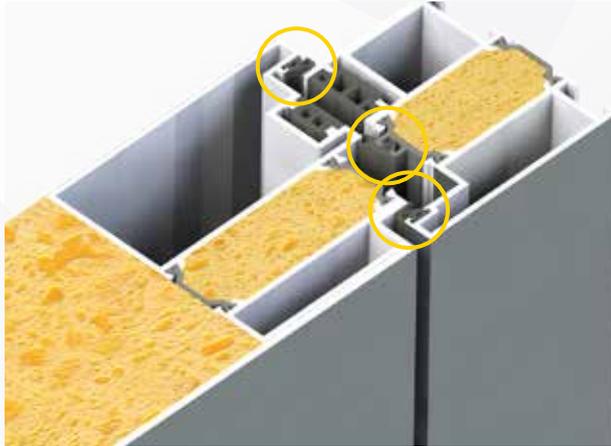


-32 Db

*optional, standard RC2

✓ Two types of frames

1. Flat
2. Jutted

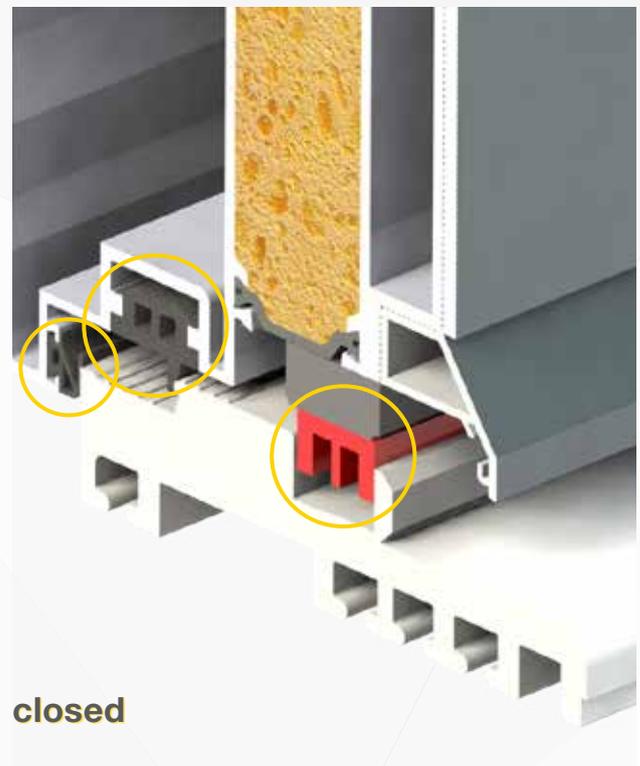


✓ Door leaf

Flush leaf with aluminium sheet skin

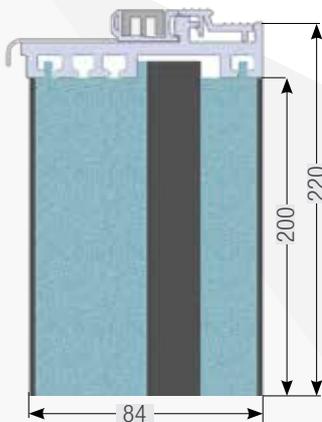
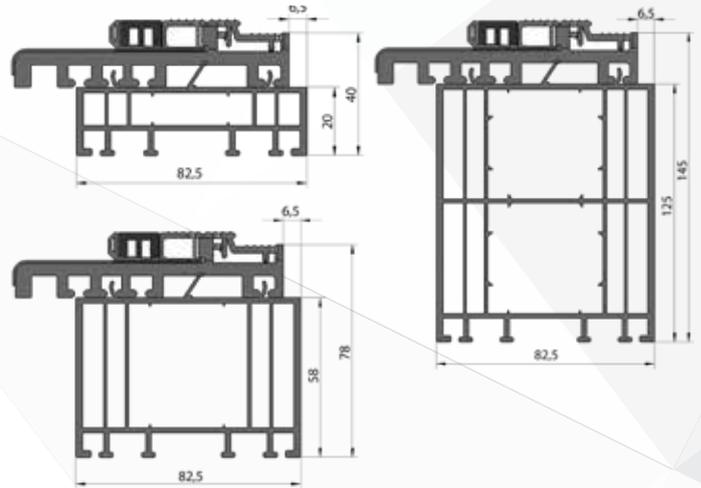
✓ Magnetic threshold

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



CWA



CWA+TT

✓ **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 **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 open by key.

✓ 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



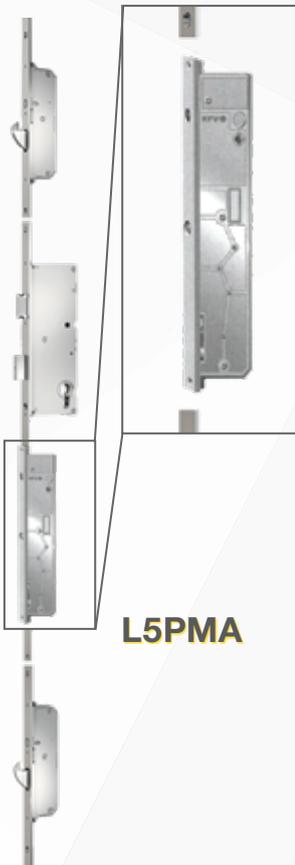
L5P



L3P+D&N



L3P+D&N+EM



L5PMA



L5PM



L5PA



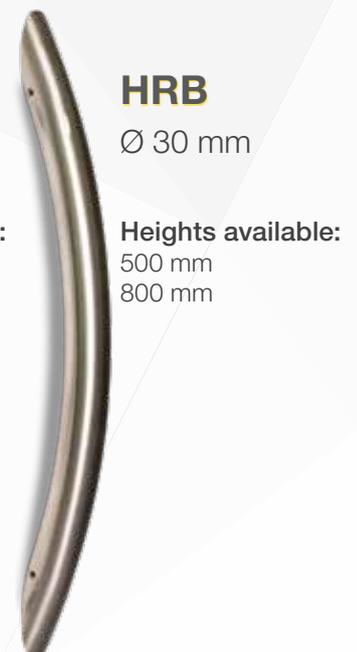
**L5P+
panic
funktion**

✓ Escutcheons

You can choose from five stainless steel escutcheons.



✓ Stainless steel pull handles





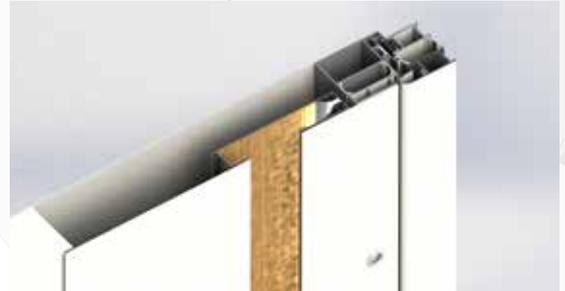
HS
Height available:
1000 mm



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)

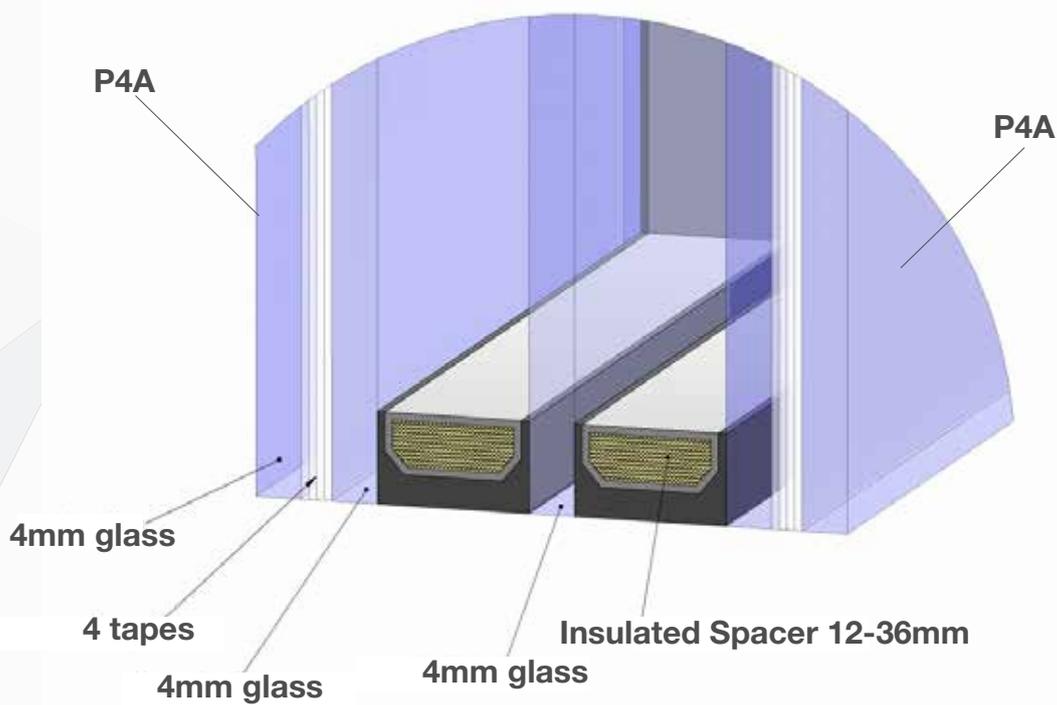


HLS 11 (Aluminium)



HLS 12 (Stainless steel)

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



✓ **Triple safety glazing**

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

✓ **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.



FSC1



FSC2

✓ **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.

✓ **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.



FSC3

✓ **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.



RMT1

✓ Inside RAL colours

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

Standard colours



RAL 9016

Custom colours

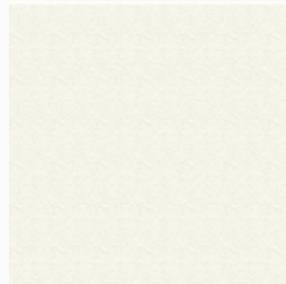


Ryterna RAL palette

✓ Outside RAL colours

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

Standard colours



RAL 9016

Custom colours



RAL 7016



RAL 7016 structure

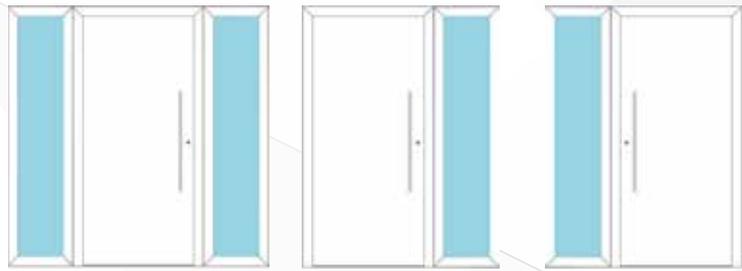
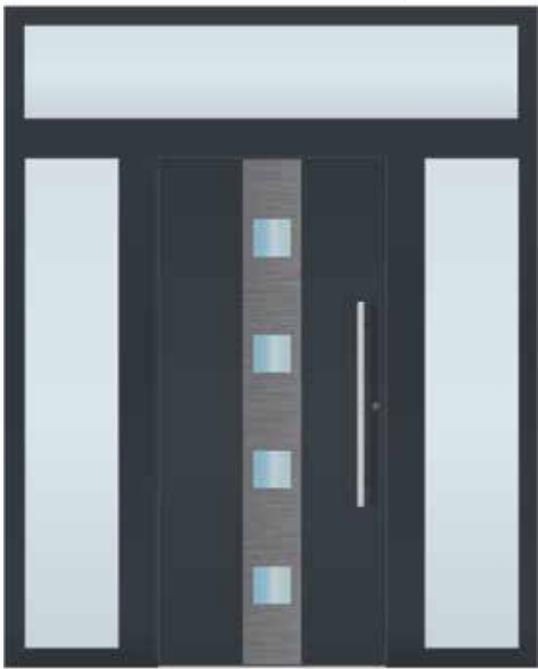


Anthracite TG68/80043



Ryterna RAL palette

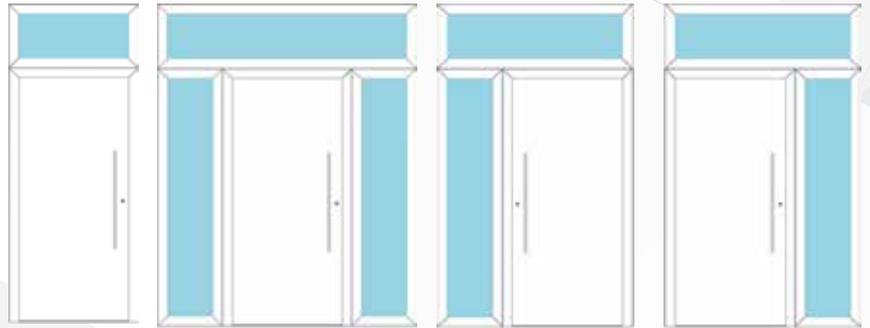
✓ Side and top elements



LRW

RW

LW



TW

TLRW

TLW

TRW

✓ Glazing options

STANDARD



Clear **SGC**



Matt **SGM**



Patterned **SGP**

NON-STANDARD



Similar to Delta Nr. 121



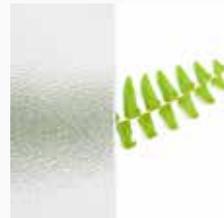
Chinchilla



Kathedral Klein



Similar to Silvit Nr. 118

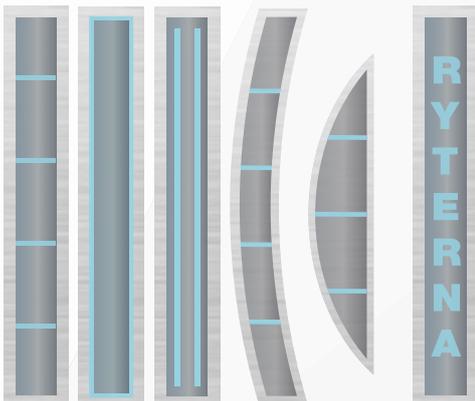


Crepri



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



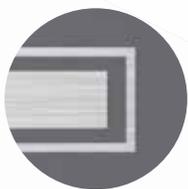
304



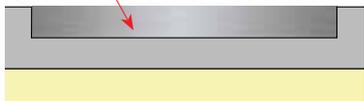
305



306



Stainless metal with brushed surface finish



Inlaid stainless metal appliqué

Carving



307



308



309



310



311



312



313



314



315



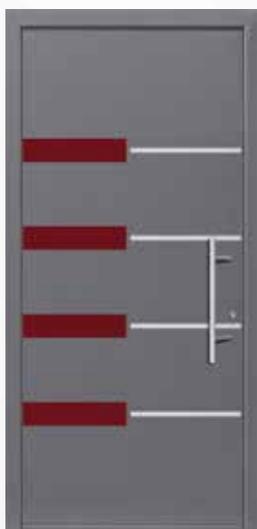
316



317



401



402



501



502



503



504



505



506



507



508



509



510



511



512



601



602



603



604



605



606



607



608



609



610



611



612



613



614



615



616



617



618



619



620



621



622



623



624



625



626



627



628



629



630



631



632



633



634



635



636



637



638



639



640



641



642



643



644



645



646



647



648



649



650



651



652



653



654



655



656



657



701



702



703



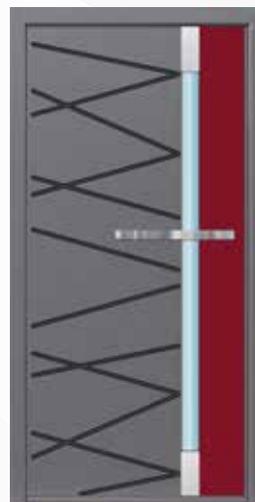
704



705



706



801



802

* you can modify existing or create your own door design



803



804



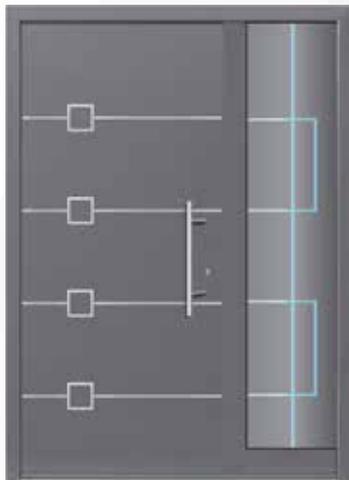
805



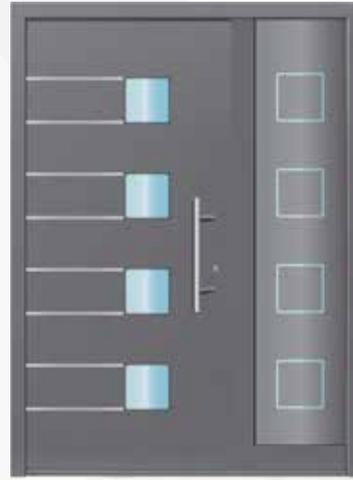
901



902



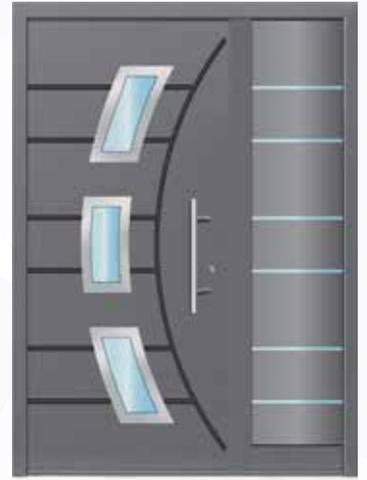
903



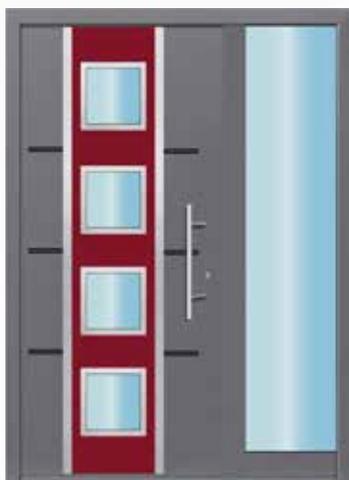
904



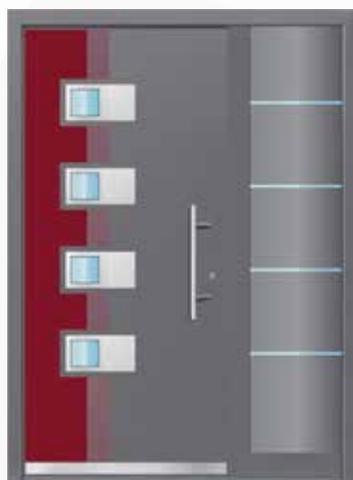
905



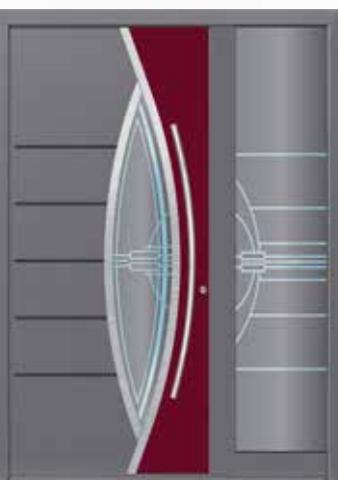
906



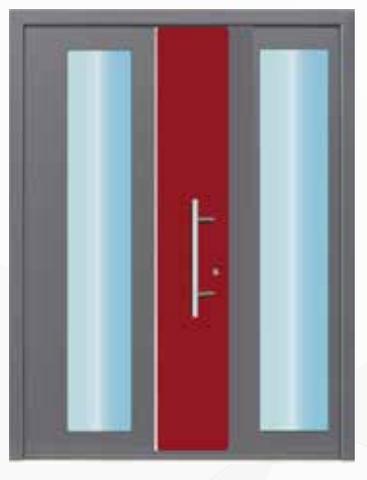
907



908



909



910



1000 concrete



1001 concrete



1002 concrete



1003 concrete



1004 concrete



1005 concrete



1006 concrete



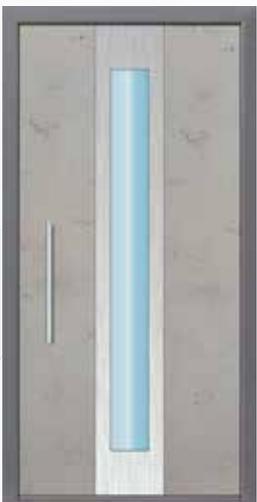
1007 concrete



1008 concrete



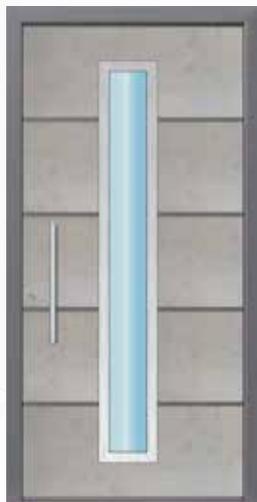
1009 concrete



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



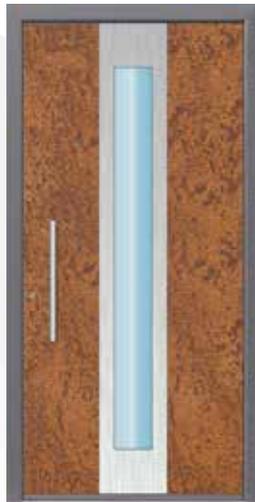
1026 corten



1027 corten



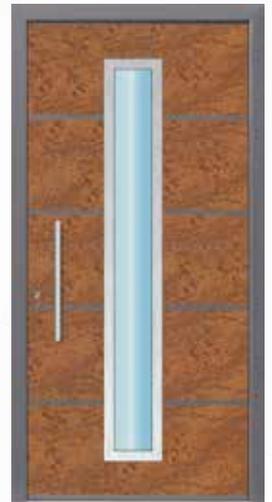
1028 corten



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 **704**
Model **RD100**
Outside colour **RAL7016**
Handle **H90S40B-800**
Escutcheon **ESC-3**
Glazing **Etched effect**
Applique **Inlaid stainless metal**
Decor **Carving**

release date:
30.06.2020

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