

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 facade, 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. We constantly seek for morally responsible and environmentally cleaner ways to improve in all areas of business.

www.ryternaentry.com www.ryternaentry.doorconfigurator.com





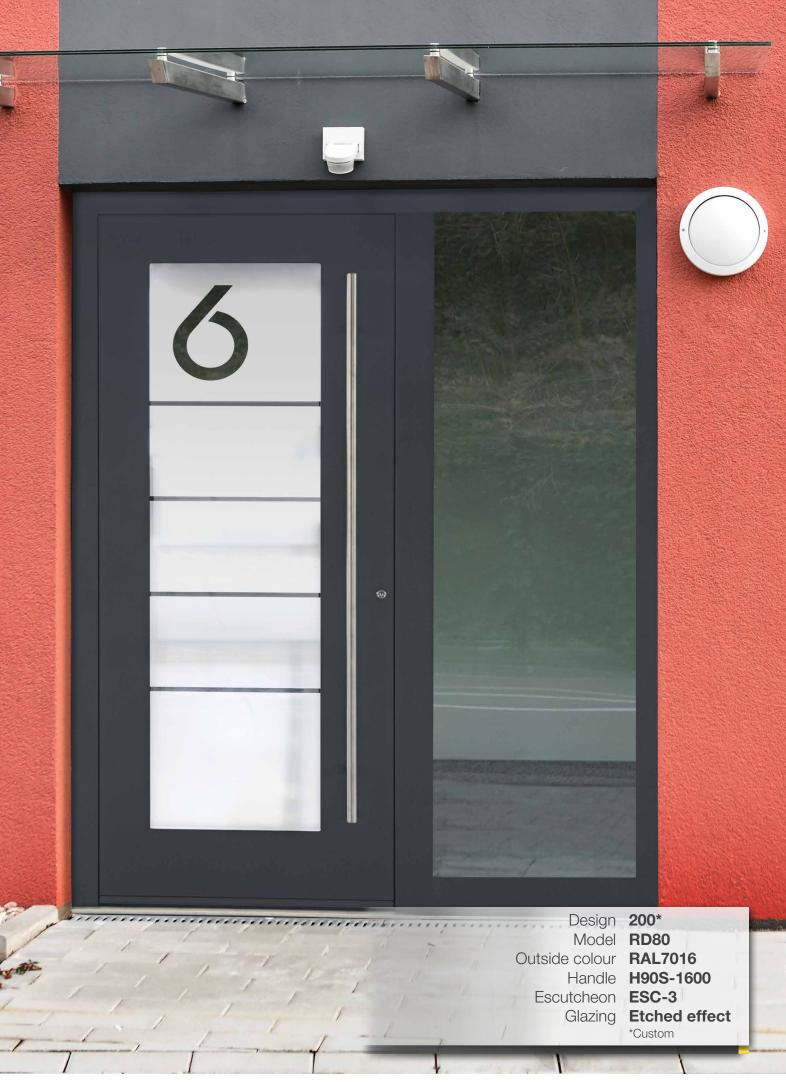
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Outside colour Handle Escutcheon Glazing	RD100 RAL7016 H90R-1200		





Design 207 Model RD100 Outside colour RAL7016 Handle H90S-1200 Escutcheon ESC-3 Glazing Etched effect Applique Inlaid brushed stainless metal Kick plate Smooth



Design 602 Model RD80 Itside colour RAL7038 Handle H90R-1200 Escutcheon ESC-4 Decor Carving Glazing Tinted SGT Applique Inlaid brushed stainless metal



Design 200* Model RD100 Outside colour RAL7016 Escutcheon ESC-3 Glazing Matt SGM

Handle H90R-1400 Applique Inlaid brushed stainless metal *Custom























Design639ModelRD80Outside colourAnthracite TG68/80043HandleH90S40-800EscutcheonESC-1GlazingMatt SGMAppliqueInlaid brushed stainless metal

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Design 635 Model RD80 Outside colour RAL7016 Handle H45R-500 Escutcheon ESC-3 Glazing Matt SGM Applique Inlaid brushed stainless metal

62-

1











B



Matching Design



Carl Inter

Design 207 Model RD80 Outside colour Old Oak Handle H90S-1800 Escutcheon ESC-3 Applique Inlaid brushed stainless metal Kick plate Smooth

Design 635* Model RD80 Outside colour Golden Oak Escutcheon ESC-3 Glazing

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Handle **H90S-1800 Clear SGC** *Custom

TAST







Design 615 Model RD80 Outside colour Anthracite TG68/80043 Handle H90S40-800 Escutcheon ESC-3 Glazing Matt SGM Applique Inlaid brushed stainless metal







 Handle
 H90S-1200

 Escutcheon
 ESC-3

 Glazing
 Etched effect

 Applique
 Inlaid brushed stainless metal

 Decor
 Carving

Outside colour Handle Escutcheor Glazing	RD80 PP300/Black pearl H90S-800+LED	
	RD80/RD100 FRONT DOORS 39	9

Matching Design





Design 704 Outside colour **RAL9016** Escutcheon ESC-3

C

Model RD100 Handle H90RB-1400 Glazing Etched effect Applique Inlaid brushed stainless metal Decor Carving







Matching Design



1





1.

Design909ModelRD80Outside colourRAL1007/RAL9016HandleH90S-500EscutcheonESC-3GlazingEtched effectAppliqueInlaid brushed stainless metalDecorCarvingAccessoriesLetter plateKick plateDecor

State and the



Design 907	
Model RD80 Outside colour RAL9016/RAL3032 Handle H90R-1600 Escutcheon ESC-2 Glazing Tinted SGT Applique Inlaid brushed stainless metal Decor Carving	



Matching Design

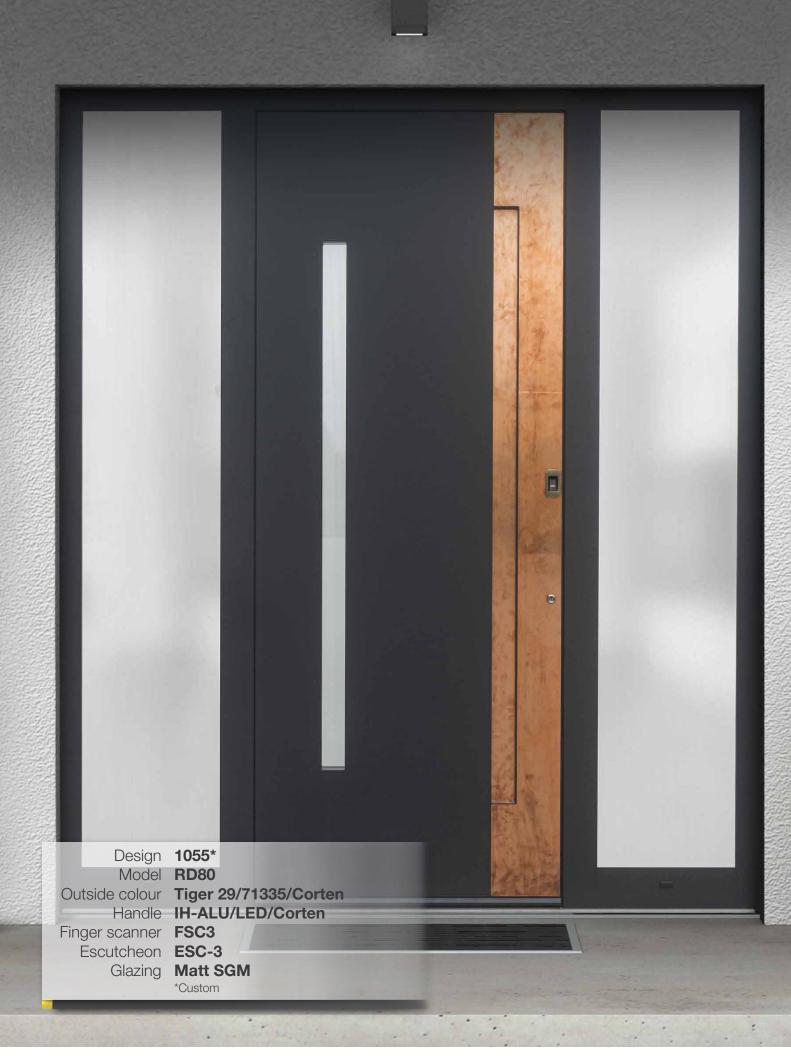




Design 401* Model RD100 Escutcheon ESC-3 Windows Matt SGM Applique

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Outside colour RAL7016/RAL3032 Handle **H90S40B-800** Inlaid brushed stainless metal *Custom































Design **1020** Model RD80 Escutcheon ESC-3

Outside colour RAL7016 / Corten image panel Handle **H90S40-1200** Applique Inlaid brushed stainless metal









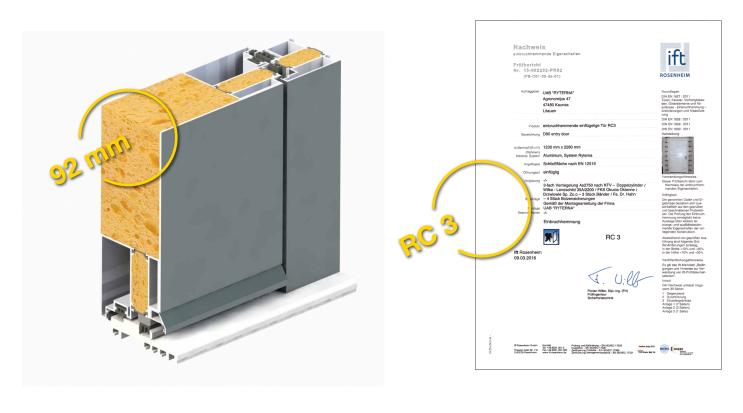


RD80

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

The doors 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:



Thermal transmittance U value		0.69 W
Safety resistance class EN 12519		RC 3*
Wind resistance class EN 12207:199-11	- M M	3
Rain resistance class EN 12208:199-11		6 A
Sound reduction EN 717-1:2013	())	32 Db

W/m²K

* RC2 as standard - RC3 option upgrade



RD100

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

All door leaf windows 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 & 2300mm high. For larger sizes consult manufacturer for feasibility.



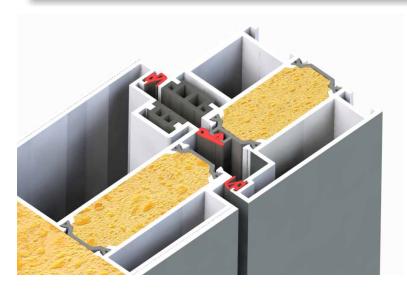


Two Types Of Frames

1. Flat 2. Jutted







Door Leaf

Flush leaf with aluminium sheet skin. Three contour sealing ensures perfect insulation. Door has three seal contours: one on the frame and two on the leaf.

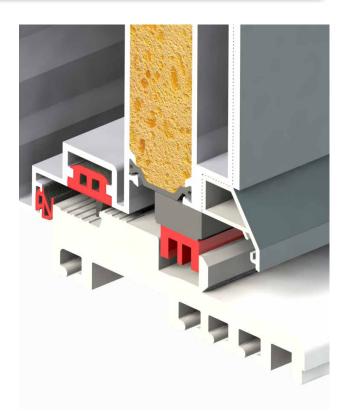
Magnetic Threshold

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 posable 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.





Hinges

Depending on the design of the profile sections, the 3-piece hinges are able to support doors weighing up to 120 kg. These two series are fastened with the aid of self-drilling screws in the reinforcement of the frame profile with long pins to distribute the forces, acting on the hinge. It also leaves the seal untouched, thus ensuring maintenance of the maximum insulation values. It can be adjusted very conveniently and with little effort in three directions.







Concealed Hinges

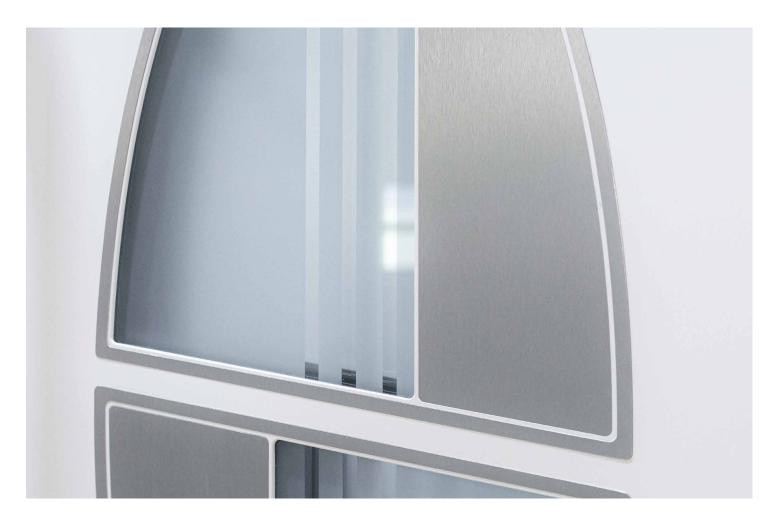
The Wala WU hidden hinge is a certificated product with capacity equals 150 kg. It guarantees quick and easy assembly. Wala WU hinge provides smooth regulation in three directions.

Concealed hinges are available with RD100 only.

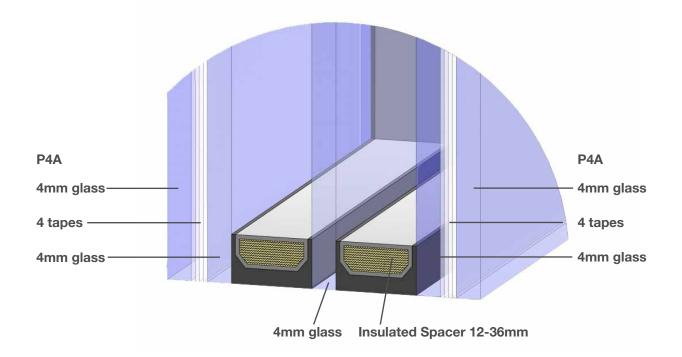








Triple glazed windows on door leafs. Safety glass P4A outside and inside.



Colours



Standard RAL Colours



RAL 1013 Gloss 20% / structure



RAL 7016 Gloss 20% / structure



RAL 7038 Gloss 20% / structure



RAL 3000 Gloss 20% / structure



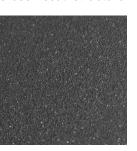
RAL 7032 Gloss 20% / structure



RAL 8017 Gloss 20% / structure



RAL 9016 Gloss 20% / structure



TG 29/90147

RAL 9007

Gloss 20% / structure

TG 68/80043



RAL 6005 Gloss 20% / structure



RAL 7035 Gloss 20% / structure



RAL 9006 Gloss 20% / structure



TG 29/60731



DB 703

Wood Images



Golden Oak



Old Oak



Winchester Oak

Other RAL Colours



Structure painting available upon request

*Please note that colours depicted for guidance only. Please use official printed materials for accurate colour.

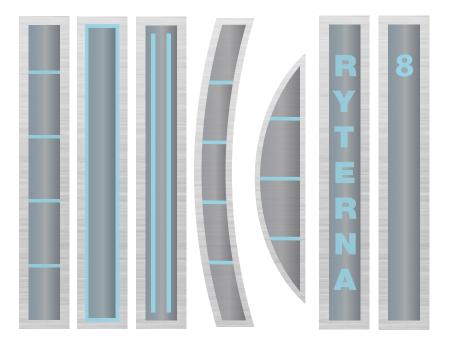


Side & Top Elements

RW	LW	LRW

"Etched" Effect Glazing

TRW



TLRW

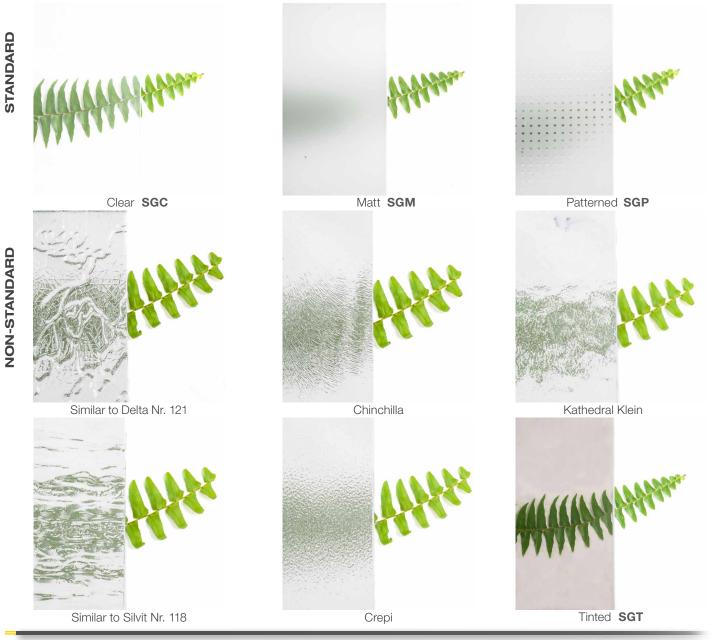
тw

TLW

Side & Top Elements

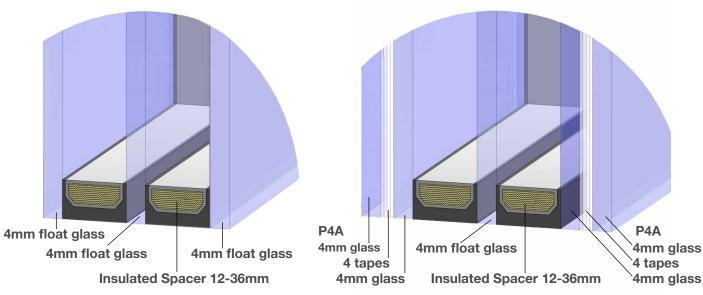


Glazing Options









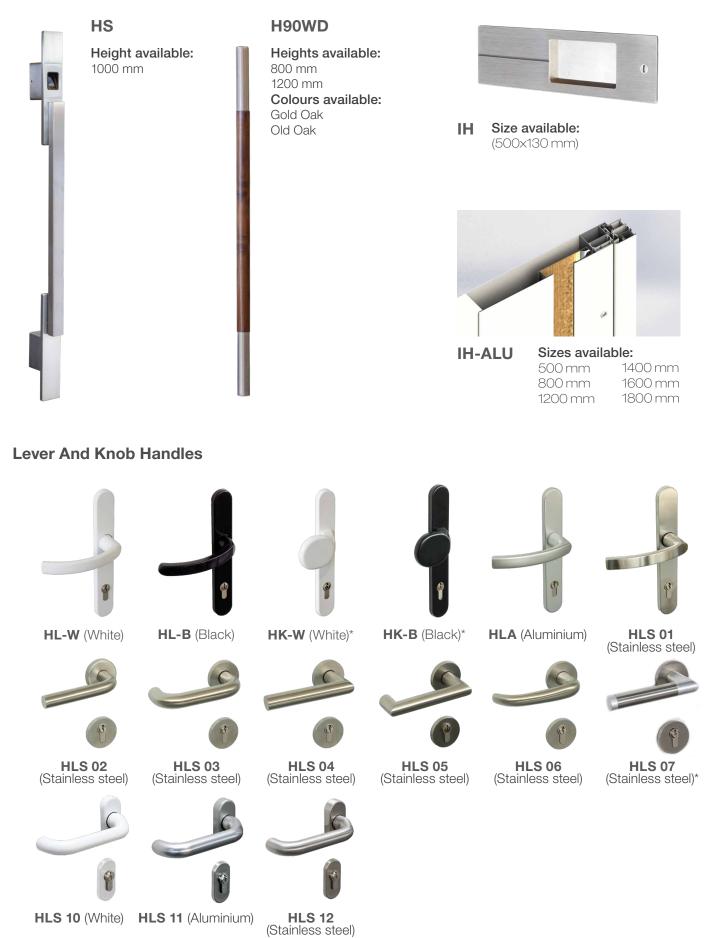


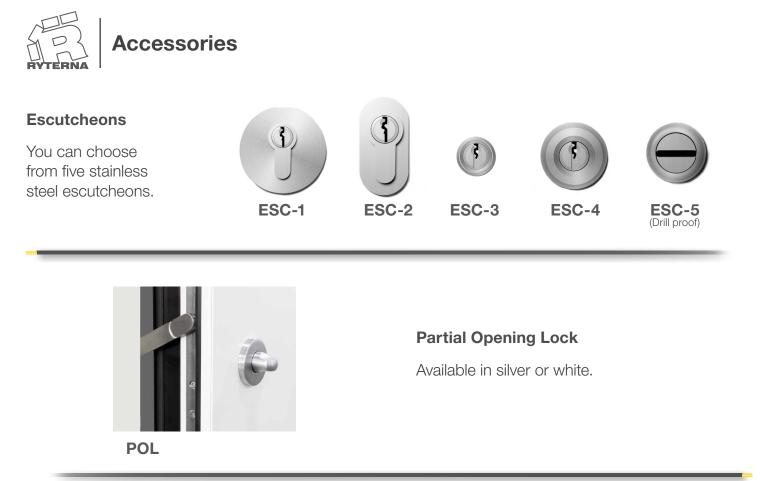
Brushed Stainless Metal Handles



Handles







Lock Cylinders

WILKA lock cylinders are famous for their security and reliability. You can chose 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





Finger Scanner

FSC1 - can be inlayd into door leaf or handle. Thanks to its compact design Arte finger scanner can be integrated discreetly into unusual door designs and fittings.

FSC2 - can be instaled on to door leaf. 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.

FSC3 - Secure and easy to operate Sommer finger scanners Increase key free security and convenience.

Each user can enter three separate fingerprints to control your entrance door, garage door and gates. One simple swipe opens or closes your devices as desired.

FSC4 - SIEGENIA fingerprint scanner with SI-BUS technology. Direct installation without separate control unit. With WIFI and Bluetooth chip as standard. Administration of up to 200 users or 800 features. Control via the SIEGENIA Comfort app is possible.

All finger scanners are compatible with: L3P+D&N+EM, L5PMA or L5PA locks.



FSC1



FSC3



FSC2







Keypads

KP1 - The keypad for mounting on the wall. 3 different codes can operate 2 different relays.

KP2/KP3 - ekey Integra keypads are secure and easy to operate. Up to 99 individual users.

The Keypad can be installed on door leaf or on the wall.

KP4 - SIEGENIA keypad with SI-BUS technology. Direct installation without separate control unit. With WIFI and Bluetooth chip as standard. Administration of up to 200 users or 800 features. Control via the SIEGENIA Comfort app is possible.

KP5 - ENTRAcode+ access is secured by means of a numeric code. The code consists of 4 to 8 digits, as desired, and can be set individually.

All keypads are compatible with: L3P+D&N+EM, L5PMA or L5PA locks.



KP1



KP2

KFV 🖶

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.

L3P - 3 points multiple lock. Main lock deadbolt and hook bolts operated by the key.

L5P - 5 points multiple lock. Two round latch bolts lock the leaf on closure automatically and opens by the key. Deadbolt and hook bolts operated by the key.

L3P+D&N - day & night. 3 point multi-point lock with option to temporary disable self-locking. Main deadbolt and hook bolts operated by the key.

L3P+D&N+EM electric - 3 points multi-point lock with electric latch and option to temporary disable self-locking. Main lock deadbolt and hook bolts operated by the key.

L5PMA electric - L5PMA electric - 5 points 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.

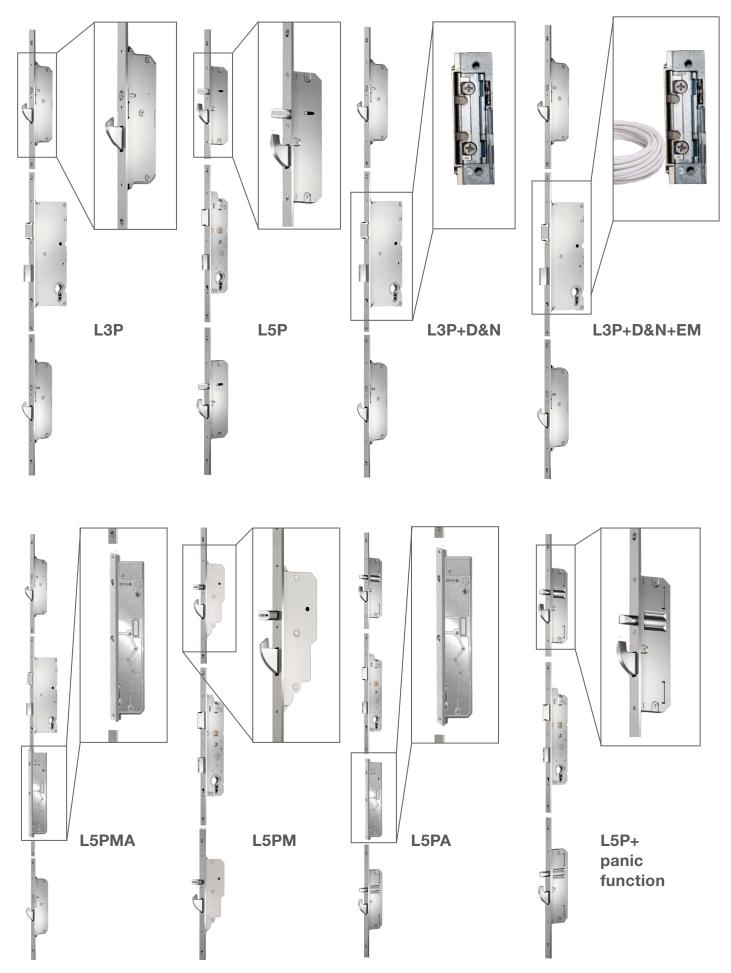
L5PM without electric motor - 5 point multi-point lock. Round latch and hook bolts lock the leaf on closure automatically. Deadbolt operated by the key only. Not compatible with lever handle from outside, pull handle only.

L5PA electric - 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). Electromagnetic strike included. Not available when overall frame height is less than 2035mm.

L5P + panic function electric - 5 points 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).

Locking Systems























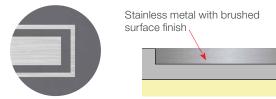


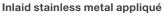




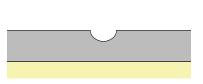












Carving



















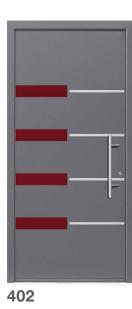








































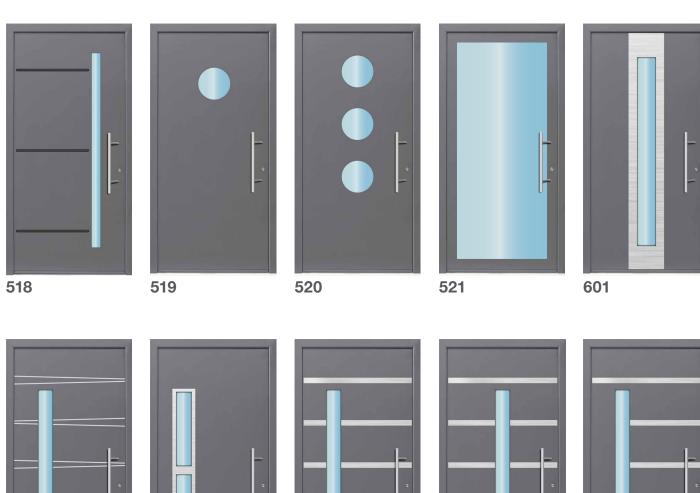






Standard Designs





















































Standard Designs

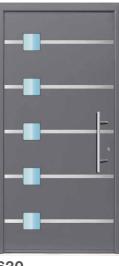


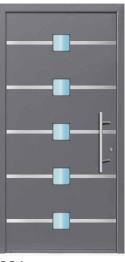








































































Standard Designs



































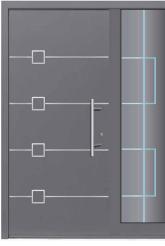


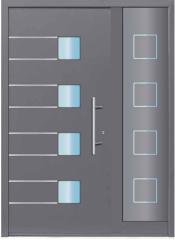




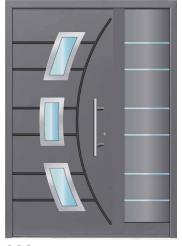


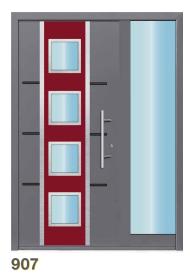




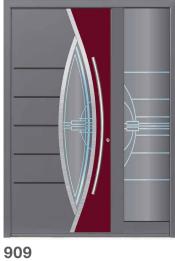












F

Exclusive Designs









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



Exclusive Designs



1022 corten





1024 corten



1025 corten



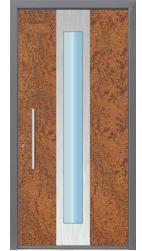
1026 corten



1027 corten



1028 corten



1029 corten



1030 corten



1031 corten



1032 corten



1040 wood



1041 wood



1042 wood



1043 wood

Exclusive Designs





1044 wood



1045 wood



1046 wood



1050 glass



1051 glass



1052 glass



1053 glass



1054 glass



1055 glass+corten



Individual Design



CLS 1



CLS 1 W



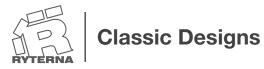
CLS 2



CLS 3













CLS 4 WB



CLS 5 WA



CLS 5 WB





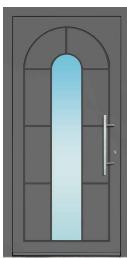
CLS 8



CLS 8 W



CLS 9



CLS 9 W



CLS 10







CLS 10 W







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