rationel®
WINDOWS & DOORS

HAVANT BOROUGH COUNCIL
- 4 JAN 2019
RECEIVED

DOORS

INSPIRATION



CHOOSE THE RIGHT DOOR FOR YOUR HOME

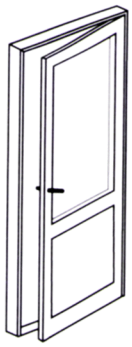
The door to your house is the gateway to your home. Your choice of entrance door and the way it looks influences your home's architectural expression. Therefore it is important that you carefully consider the opening and closing functions and the designs available from Rationel. Colour is another important aspect of expression to consider.

We hope you are inspired by the following pages.



DOOR OPENING TYPES

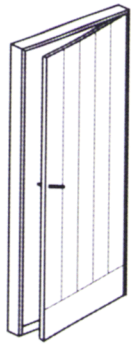
The drawings shown below are examples of options available. Contact Rationel for information about further options.



ENTRANCE DOORS

These are available as inward or outward opening. They are hung on grey powder-coated adjustable hinges and fitted with a minimum three-point locking espagnolette bolt.

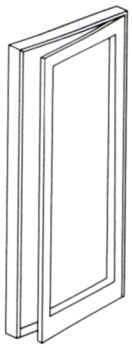
Available in Rationel AURA/Rationel AURAPLUS/Rationel FORMA/Rationel FORMAPLUS



PANELLED DOORS

These are available as inward or outward opening, hung on grey powder-coated adjustable hinges and fitted with a minimum three-point locking espagnolette bolt.

Available in Rationel AURA/Rationel AURAPLUS/Rationel FORMA/Rationel FORMAPLUS



TERRACE DOORS

Terrace doors are available as either inward or outward opening, and are ideal for access to balconies, gardens and patios.

Doors which open outwards have an inbuilt friction brake, operated by turning the handle down in any given position. They are hung on grey powder coated adjustable hinges and fitted with a minimum three-point locking espagnolette bolt.

Available in Rationel AURA/Rationel AURAPLUS/Rationel FORMA/Rationel FORMAPLUS

DOOR OPENING TYPES

The drawings shown below are examples of options available. Contact Rationel for information about further options.



WINDOW DOORS

Window doors are available as outward opening only, and are ideal for access to balconies, gardens and patios.

Window doors come fitted with an inbuilt friction brake, operated by turning the handle down in any given position. They are hung on grey powder coated adjustable hinges and fitted with a minimum three-point locking espagnolette bolt.

Available in Rationel AURA/Rationel AURAPLUS/Rationel FORMA/Rationel FORMAPLUS



TILT AND TURN DOORS

Tilt and turn doors are available as inward opening only and function in two ways. They are hinged from the side and open inwards, or for ventilation, the leaf can be tilted in at the top. Tilt and turn doors can be cleaned from the inside.

Available in Rationel AURAPLUS triple glazed only.



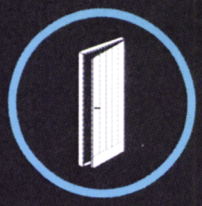
SLIDING PATIO DOORS

Rationel sliding patio doors are designed to be as beautiful as the views they frame. Sliding Patio Doors, where one half slides and the other is fixed, are ideal when space is at a premium. The sliding part lifts easily and glides in front of the fixed section to create an opening of up to 1.55 metres.

Available in Rationel AURAPLUS triple glazed only.

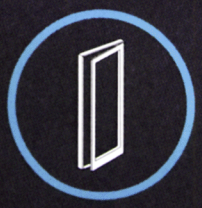
DOORS - COUNTLESS OPTIONS

When choosing doors for your home, you have countless options. On the following pages, we have compiled a small selection. Should you not find the design you are looking for, consult with your Rationel dealer. They will help designing the right door for you.



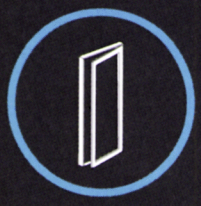
ENTRANCE/PANELLED DOORS

The entrance door is the gateway to a house. It is important to carefully consider the opening and closing functions and the designs available.
The Rationel entrance door is constructed using a frame and sash which can be delivered with glazing bars and or transoms and mullions. The areas created can be infilled either with glass or a composite insulated panel.



TERRACE DOORS

Terrace doors are available as either inward or outward opening and are ideal for access to balconies, gardens and patios.
A Terrace door from Rationel is made to measure and therefore always matches your needs perfectly.



WINDOW DOORS

The window door is outward opening only and is ideal for access to balconies, gardens and patios.
The slim construction is letting a maximum of day light and heat into the house without compromising with functionality, security and comfort.



SLIDING PATIO DOORS

Our sliding patio doors allows the garden into your home in the summer, but keep the heat inside throughout the winter. The sliding patio door can be used as an exit from the living room, dining room or bedroom to the terrace, garden or balcony.
Rationel sliding patio doors are designed to be as beautiful as the views they frame.

For inspiration - a selection of the numerous design options we can offer.



1

ENTRANCE DOOR

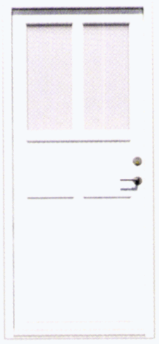
5 raised panels



2

ENTRANCE DOOR

5 raised panels



3

ENTRANCE DOOR

2 glass panes
3 smooth panels



4

ENTRANCE DOOR

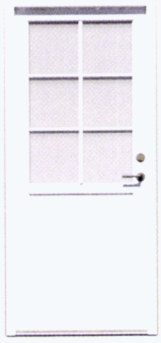
4 glass panes
3 raised panels



5

ENTRANCE DOOR

6 glass panes
2 raised panels



6

ENTRANCE DOOR

5 glass panes
1 smooth panel



7

ENTRANCE DOOR

10 smooth panels



8

ENTRANCE DOOR

4 glass panes
6 raised panels



9

ENTRANCE DOOR

6 glass panes
4 raised panels



11

ENTRANCE DOOR

1 glass panes



12

ENTRANCE DOOR WITH SIDELIGHT

3 glass panes

For inspiration - a selection of the numerous design options we can offer.



13

ENTRANCE DOOR

2 glass panes and
2 smooth panels



14

ENTRANCE DOOR

1 glass pane



15

ENTRANCE DOOR

2 glass panes



16

ENTRANCE DOOR

2 glass panes
4 raised panels



17

ENTRANCE DOOR

6 raised panels



18

ENTRANCE DOOR

4 raised panels



19

PANELLED DOOR

Vertical pattern
Glass pane (small)



20

PANELLED DOOR

Smooth
Glass pane



21

PANELLED DOOR

Smooth
Glass pane (large)



22

PANELLED DOOR

Smooth
4 glass panes



23

PANELLED DOOR

Smooth
Glass pane



24

PANELLED DOOR

Smooth
Glass pane

For inspiration - a selection of the numerous design options we can offer.



25

PANELLED DOOR

Herringbone pattern
Glass pane (small)



26

PANELLED DOOR

Smooth



27

PANELLED DOOR

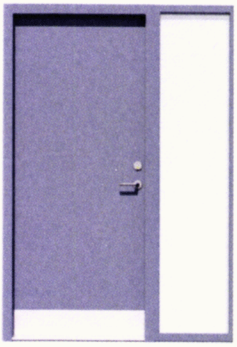
Round glass pane (large)



28

PANELLED DOOR

Smooth
Glass pane (small)



29

PANELLED DOOR WITH INTEGRATED SIDELIGHT

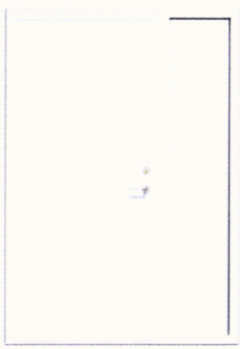
Smooth



30

PANELLED DOOR WITH INTEGRATED SIDELIGHT

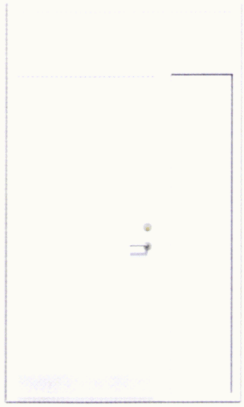
Herringbone pattern



31

PANELLED DOOR WITH SIDELIGHT

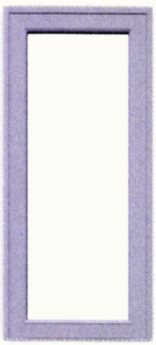
Smooth



32

PANELLED DOOR WITH SIDELIGHT AND TOPLIGHT

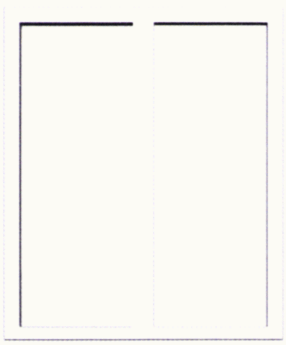
Smooth



33

TERRACE DOOR

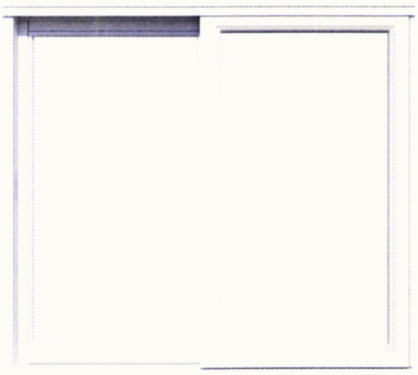
1 glass pane



34

DOUBLE WINDOW DOOR

2 glass panes
Single rail



35

SLIDING PATIO DOOR

2 glass panes
Only available in Rehau ULTRAPLUS



COLOURS

When choosing windows and doors from Rationel, it is possible to enhance the appearance and character of your house through your choice of colour. Our standard colours suit the majority of architectural styles and traditions in the United Kingdom. We also offer a special range of colours, which you can use to highlight particular features of your home.

STANDARD RAL COLOURS

Rationel doors are available in one standard colour on both the inside and outside of the frame. It is also possible to have a split colour solution, where you are able to have a different colour on the outside to what you choose for the inside. There is an additional cost for split colours on the timber ranges.







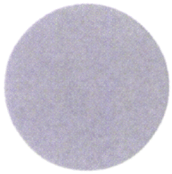
STANDARD RAL COLOURS

The colours shown cannot be reproduced exactly.

WHITE
RAL 9010

CREAM WHITE
RAL 9001

LIGHT GREY
RAL 7035



SILVER GREY
RAL 7001



SLATE GREY
RAL 7015



ANTHRACITE GREY
RAL 7016



BLACK
RAL 9005



DARK BROWN
RAL 8017



OLIVE GREEN
RAL 6003



NAVY BLUE
RAL 5013



ROWANBERRY
RAL 3011



MID GREY
RAL 7042

PEBBLE GREY
RAL 7032

BEIGE
RAL 1001



BEIGE GREY
RAL 7006

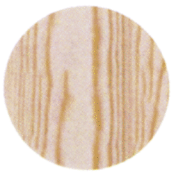
YELLOW
RAL 1018



DARK GREEN
RAL 6007



BLUE BLACK
RAL 5008



CLEAR LACQUER
(INTERNAL ONLY)

Clear lacquer - Available at an additional cost

GRANITE COLOURS (ALUMINIUM ONLY)

The colours shown cannot be reproduced exactly.

WHITE SAA10F
SABLE



GRIS 2150
SABLE



GRIS 2400
SABLE



GRIS 2900
SABLE



NOIR 2100
SABLE



NOIR 900
SABLE

SECURITY IN DOORS

Security performance is a significant factor when it comes to selecting doors. Rationel's experience with Housing Associations, community developments and commercial projects, means that the security and safety of our products is second to none.

SECURED BY DESIGN
Our enhanced doors have been tested and marked according to several national and European standards, including 'Secured by Design'.

To be certified under this initiative, the door frame and corresponding lock and hardware set has to be able to withstand a series of physical tests based on common burglary methods. Rationel has a wide range of products, which meet 'Secured by Design' specifications.

Secured by Design

SBD

Official Police Security Initiative

RATIONEL SBD DOORS

1



A three-point espagnolette locking mechanism is one of the burglary inhibiting features of Rationel doors.

2



A reinforced espagnolette which increase the strength of all the door closing points.

3



Extra-strong reinforced screws increase the strength of all door hinges.

4



Hook bolts in hardened steel combined with a reinforced front plate can resist even severe attacks from a burglars' tools.

5



The length of time it takes to break a laminated pane will discourage even the most persistent burglar.

- Enhanced ironmongery
- Three-point espagnolette locking mechanism and hook bolt
- Security receiver for the bolts
- Enhanced hinges and angled screws
- Security sealant is used to fit the glass
- Laminated Glass pane

rationel®
WINDOWS & DOORS

Good, solid, quality workmanship has characterised Rationel's windows and doors since the first products were shipped from our factory in Sdr. Felding in 1954. Based on this sound foundation, Rationel is today an international company with sales offices in Great Britain, Ireland and Denmark.

Rationel manufactures energy saving windows and doors of premium quality in terms of both comfort and security. Our continuous programme of research and development ensures that the company always meets current statutory requirements as well as market requirements for design and functionality.

Rationel is part of the DOVISTA Group, which consists of ten leading door and window companies in Europe. DOVISTA A/S is owned by VKR Holding and employs approximately 13,500 people in more than 40 countries.

www.rationel.co.uk

CE FSC WOOD. AT THE HEART OF A GOOD WINDOW Secured by Design SBD Official Police Security Initiative THE INDOOR CLIMATE LABEL