

**rational**<sup>®</sup>  
WINDOWS & DOORS

# RATIONEL 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.



## RATIONEL DOORS

# 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 DOMUS/ALDUS/PATUS/PATUS+/  
Rationel AURA/Rationel AURAPLUS

### DESIGN OPTIONS

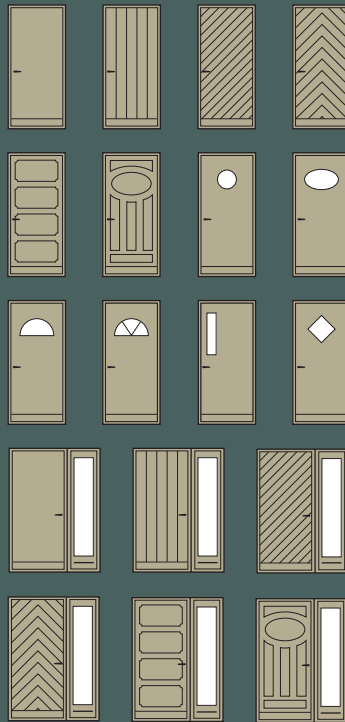


### PANELLED DOORS

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 DOMUS/ALDUS  
Rationel AURA/Rationel AURAPLUS.

### DESIGN OPTIONS



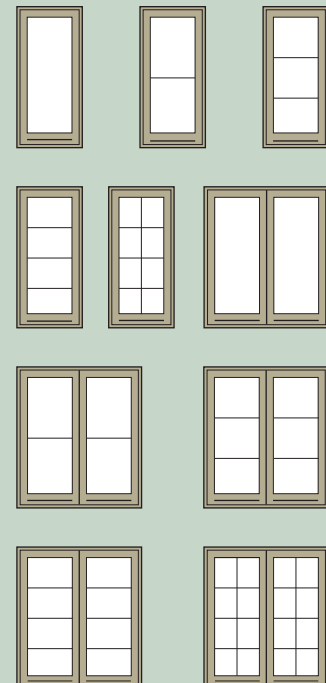
### TERRACE DOORS

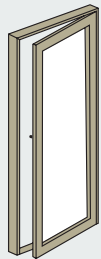
Terrace doors are available as either inward or outward opening, and are ideal for access to balconies, gardens and patios.

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 Patus/Patus+/Domus/  
Aldus/ Rationel Aura/Rationel  
AURAPLUS

### DESIGN OPTIONS



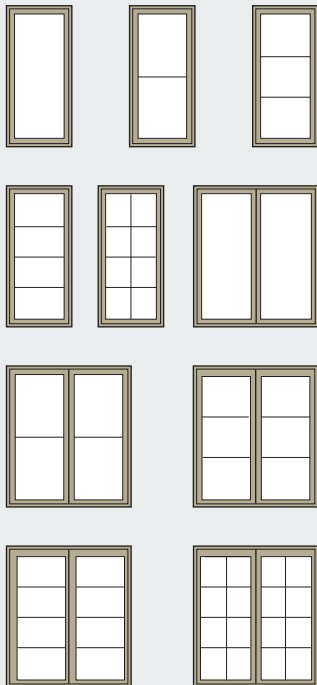


**WINDOW DOORS**

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.

**DESIGN OPTIONS**

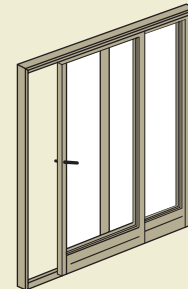
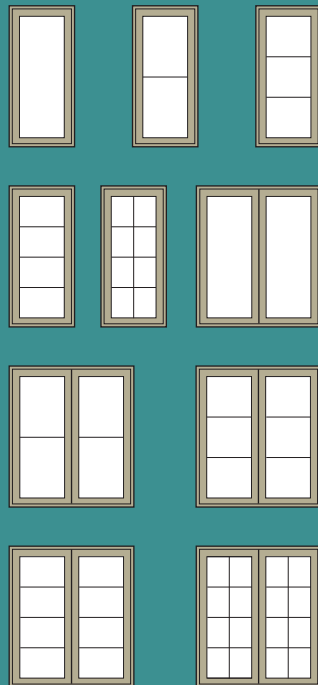


**TILT AND TURN DOORS**

Tilt and turn doors 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 DOMUS/ALDUS

**DESIGN OPTIONS**

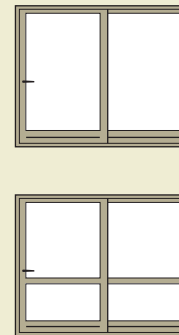


**SLIDING PATIO DOORS**

Rational 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 DOMUS/ALDUS/  
Rational AURAPLUS

**DESIGN OPTIONS**



## RATIONEL ENTRANCE AND PANELLED DOORS



1. Entrance door with 6 raised panels



2. Entrance door with 5 raised panels



3. Entrance door with 2 glass panes and 3 raised panels



4. Entrance door with 4 glass panes and 3 raised panels



5. Entrance door with 6 glass panes and 2 raised panels



6. Entrance door with 6 glass panes and 1 smooth panel



7. Entrance door with 10 raised panels



8. Entrance door with 4 glass panes and 6 raised panels



9. Entrance door with 6 glass panes and 4 raised panels



10. Entrance door with 8 raised panels



11. Entrance door with 3 glass panes



12. Entrance door with 2 glass panes and 2 raised panels

## RATIONEL ENTRANCE AND PANELLED DOORS



13.  
Entrance door with  
3 glass panes



14.  
Entrance door with  
2 glass panes



15.  
Entrance door with  
2 glass panes



16.  
Entrance door with  
2 glass panes and  
4 raised panels



17.  
Entrance door with  
6 raised panels



18.  
Entrance door with  
4 raised panels



19.  
Entrance door with  
8 glass panes



20.  
Panelled door, cottage  
style pattern



21.  
Panelled door with  
vertical pattern and  
glass pane (large)



22.  
Panelled door, smooth  
with glass pane (large)



23.  
Panelled door, smooth  
with 4 glass panes

## RATIONEL ENTRANCE AND PANELLED DOORS



24.  
Panelled door with vertical pattern and glass pane (small)



25.  
Panelled door, smooth with glass pan



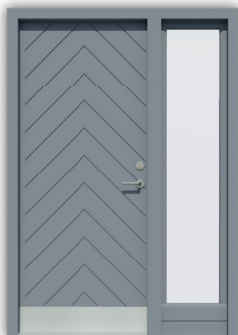
26.  
Panelled door with herringbone pattern and glass pane (small)



27.  
Panelled door, smooth



28.  
Panelled door, smooth with integrated sidelight



29.  
Panelled door with herringbone pattern and integrated sidelight



30.  
Panelled door, smooth with sidelight



31.  
Panelled door, smooth with sidelight and toplight



32.  
Panelled door with classical pattern and glass pane



33.  
Panelled door with classical pattern



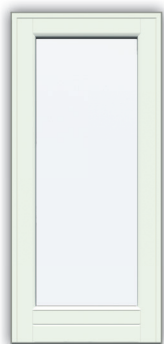
34.  
Panelled door, smooth with round glass pane (large)



35.  
Panelled door, smooth with glass pane (small)



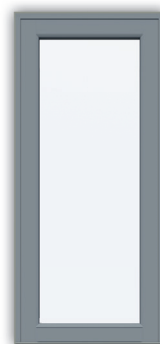
## RATIONEL TERRACE DOORS / WINDOW DOOR / SLIDING DOORS



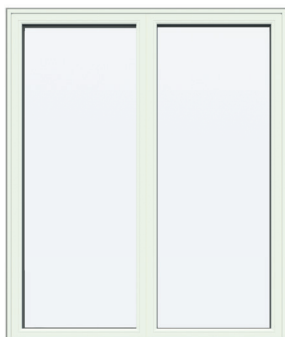
36.  
Terrace door  
1 glass pane  
Double rail



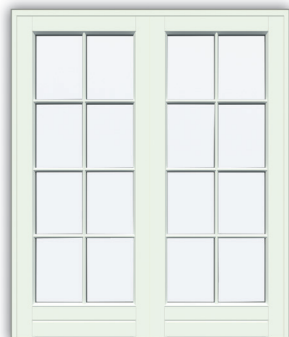
37.  
Terrace door  
8 glass panes  
Double rail



38.  
Terrace door  
1 glass pane  
Single rail



39.  
Double window door  
2 glass pane  
Single rail



40.  
Double Terrace door  
16 glass panes  
Double rail



41.  
Sliding patio door  
2 glass panes  
Double rail

Entrance doors in PATUS and DOMUS systems can be delivered with either raised or smooth panels. Entrance doors in PATUS +, ALDUS, Rationel AURA and AURAPLUS systems are available with smooth panels only. Window doors are only available in Rationel AURA and AURAPLUS. Sliding patio door is not available in PATUS and PATUS+.

# RATIONEL DOORS

## COLOURS

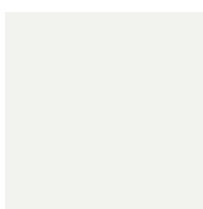
When choosing doors from Rationel, it is possible to enhance the appearance and character of your house through your choice of colour. Our standard colours suit the majority of architectural styles and traditions in the United Kingdom. We also offer a special range of colours, which you can use to highlight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

### STANDARD RAL COLOURS

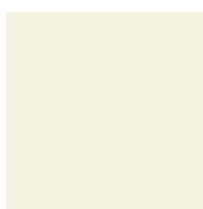
Rationel doors are available in one standard colour on both the inside and outside of the frame. It is also possible to have a split colour solution, where you are able to have a different colour on the outside to what you choose for the inside (excluding Aura). There is an additional cost for split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

### STANDARD RAL COLOURS

The colours shown cannot be reproduced exactly



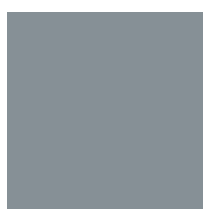
WHITE:  
RAL 9010



CREAM WHITE:  
RAL 9001



LIGHT GREY:  
RAL 7035



SILVER GREY:  
RAL 7001



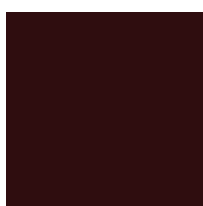
SLATE GREY:  
RAL 7015



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



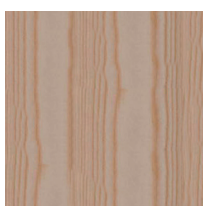
YELLOW:  
RAL 1018



DARK GREEN:  
RAL 6007



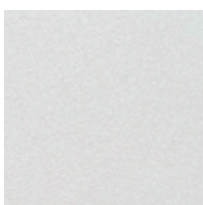
BLUE BLACK:  
RAL 5008



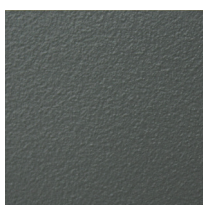
CLEAR LACQUER:  
(ALDUS & DOMUS INTERNAL ONLY)

### GRANITE COLOURS (ALUMINIUM ONLY)

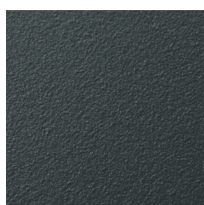
The colours shown cannot be reproduced exactly



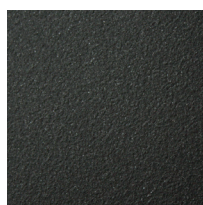
WHITE SAA10F  
SABLE



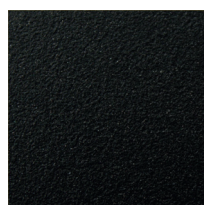
GRIS 2150  
SABLE



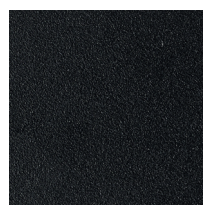
GRIS 2400  
SABLE



GRIS 2900  
SABLE



NOIR 2100  
SABLE



NOIR 900  
SABLE

RATIONEL DOORS -

# 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.

## 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**

**Secured by Design**



**Official Police Security Initiative**

# WINDOWS WITH VISION

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.

For further information about our wide range of windows and doors, for classic and modern buildings, please visit

[www.rationel.co.uk](http://www.rationel.co.uk)

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.



WOOD. AT THE HEART  
OF A GOOD WINDOW



**rationel**<sup>®</sup>  
WINDOWS & DOORS