

RATIONEL PATUS & PATUS+

THE WINDOW CONCEPT FOR REFURBISHMENT AND NEW BUILD IN CLASSIC STYLE



1,33 W/m ² K	-0,4 kWh/m ²	38 dB Rw	60 YEARS
U-VALUE EU-SIZE	WER	SOUND REDUCTION	LIFE EXPECTANCY

BEST PERFORMANCE PATUS

1,15 W/m ² K	+10,5 kWh/m ²	38 dB Rw	85 YEARS
U-VALUE EU-SIZE	WER	SOUND REDUCTION	LIFE EXPECTANCY

BEST PERFORMANCE PATUS+





PATUS TIMBER

PATUS energy-efficient windows are available in a range of country-style and classic designs with various configurations of glazing bars. Patio doors and front doors, with glass and wood panels, are also included in this range. Easy to join together, they are suitable for complex window solutions.

PATUS+ TIMBER/ ALUMINIUM

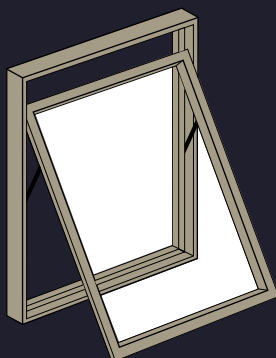
PATUS+ energy-efficient windows are available in a range of country-style and traditional designs with various configurations of glazing bars. The range also includes patio and front doors with glass and aluminium panels. Easy to join together, they are suitable for complex window solutions such as sun lounges, conservatories, bays, etc.

PATUS & PATUS+ are available with security hardware to meet SBD standards. The vast majority of timber originates from FSC-certified forests. Read more at www.rationel.co.uk



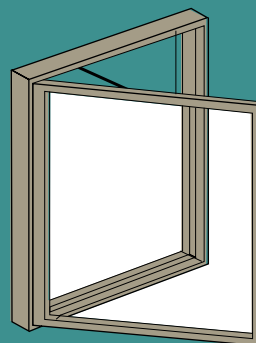


OPENING TYPES



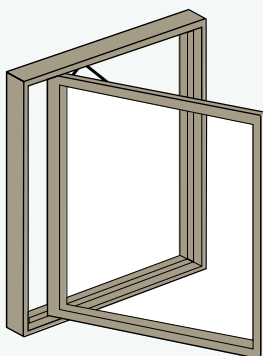
TOP GUIDED

Top Guided windows are a simple, elegant and user-friendly design. Opening is controlled by tracks and slides. When opening the window the top of the sash slides downwards as the bottom of the sash opens outwards. Adjustable friction ironmongery allows an almost infinite choice of open positions.



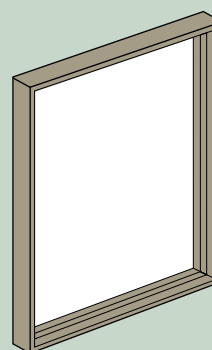
SIDE HUNG

Side Hung windows are supplied with visible external hinges. On windows over 424 mm wide, the handle controlled friction brake allows the window to be fixed in any open position.



SIDE GUIDED

Side Guided windows are controlled by tracks and slides that allow the window to be fixed in any open position. However, when opened, the hinge side of the sash moves toward the middle to create an opening that allows the glass to be cleaned from the inside.



FIXED LIGHT

Fixed Light windows are ideal wherever maximum internal light and solar heat gain is required. Fixed lights can be fitted with trickle vents for ventilation.

RATIONEL PATUS & PATUS+ COLOURS

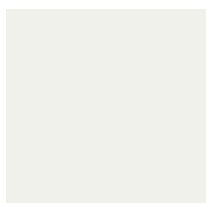
When choosing windows and doors from Rationel, it is possible to enhance the appearance and character of your house through your choice of colour. Our standard colours suit the majority of architectural styles and traditions in the United Kingdom. We also offer a special range of colours, which you can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

STANDARD RAL COLOURS

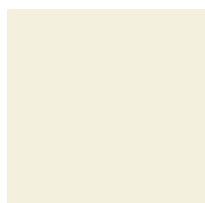
Rationel PATUS & PATUS+ windows and doors are available in one standard colour on both the inside and outside of the frame. It is also possible to have a split colour solution, where you are able to have a different colour on the outside to what you choose for the inside. Additional charges apply for split colours on the Patus range.

STANDARD RAL COLOURS

The colours shown cannot be reproduced exactly



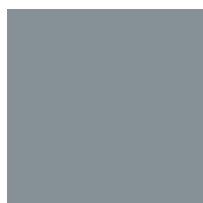
WHITE:
RAL 9010



CREAM WHITE:
RAL 9001



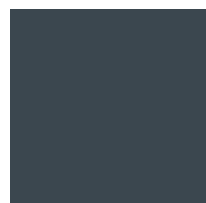
LIGHT GREY:
RAL 7035



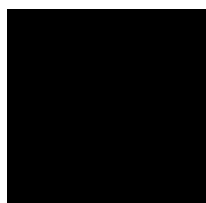
SILVER GREY:
RAL 7001



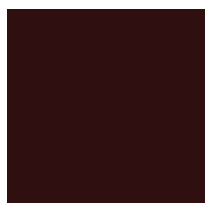
SLATE GREY:
RAL 7015



ANTHRACITE GREY:
RAL 7016



BLACK:
RAL 9005



DARK BROWN:
RAL 8017



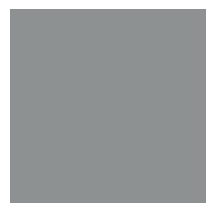
OLIVE GREEN:
RAL 6003



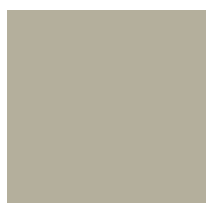
NAVY BLUE*:
RAL 5013



ROWANBERRY:
RAL 3011



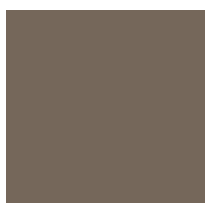
MID GREY:
RAL 7042



PEBBLE GREY:
RAL 7032



BEIGE:
RAL 1001



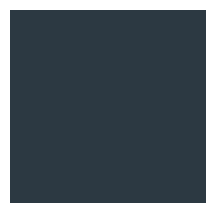
BEIGE GREY*:
RAL 7006



YELLOW*:
RAL 1018



DARK GREEN:
RAL 6007



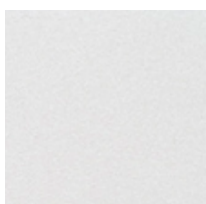
BLUE BLACK:
RAL 5008



CLEAR LACQUER
(INTERNAL ONLY)

GRANITE COLOURS (PATUS+ ONLY)

The colours shown cannot be reproduced exactly



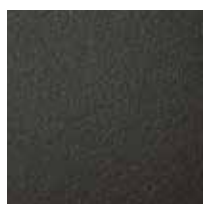
WHITE SAA 10F
SABLE



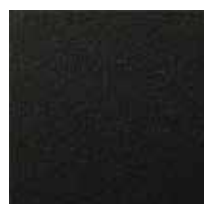
GRIS 2150
SABLE



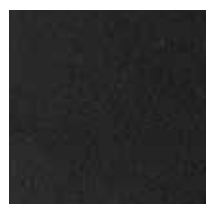
GRIS 2400
SABLE



GRIS 2900
SABLE



NOIR 2100
SABLE



NOIR 900
SABLE

*Will be subject to additional leadtime

Rationel PATUS & PATUS+

PRODUCT DETAILS



1. Architectural designed handle



2. Fully adjustable ironmongery



3. Option of trickle vent



4. Option of glazing bar

MINIMUM/MAXIMUM SIZES

Opening function	Minimum width	Minimum height	Maximum width	Maximum height	Maximum width + height
Top Guided	328 mm	328 mm	1368 mm	1388 mm	2696 mm
Side Hung	358 mm	358 mm	768 mm	1788 mm	
Side Guided	428 mm	358 mm	948 mm	1788 mm	2536 mm
Fixed Light	228 mm	258 mm	2388 mm	2388 mm	4776 mm

DURABILITY TESTS

A series of test videos are available to view on the website



AIR PERMEABILITY
600PA



WIND RESISTANCE
1600PA



OPERATION
10.000 CYCLES

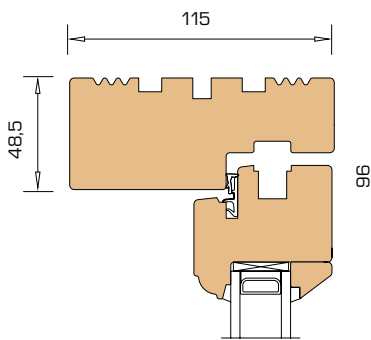


WATER TIGHTNESS
600PA

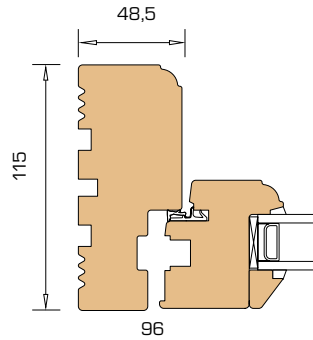
RATIONEL PATUS

SECTIONAL DETAILS

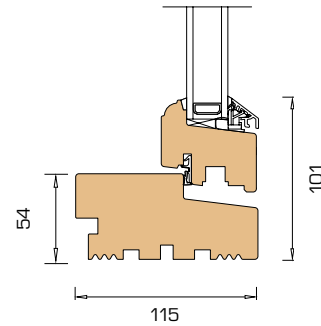
Download full set of drawings at www.rationel.co.uk



1 Vertical section head



2 Horizontal section jamb



3 Vertical section sill

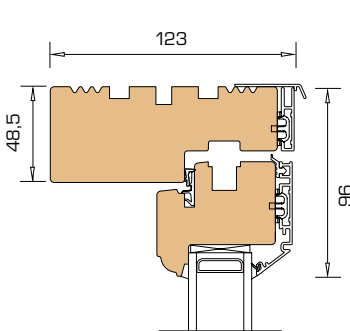
BEST PERFORMANCE



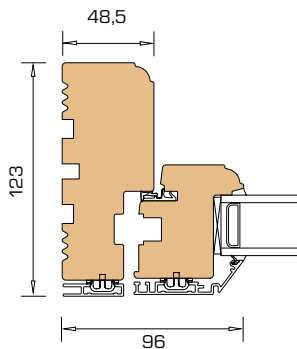
RATIONEL PATUS+

SECTIONAL DETAILS

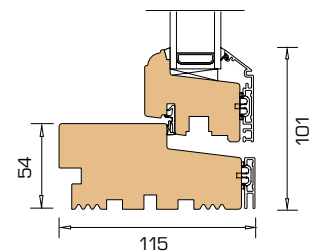
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1 Vertical section head



2 Horizontal section jamb



3 Vertical section sill

BEST PERFORMANCE



WINDOWS WITH VISION

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

Rational 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.rational.co.uk

Rational 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



rational[®]
WINDOWS & DOORS