gfdhomes
the home improvement group

REHAU

Slinova Patio Door



Slinova Patio Door

What’s with the name?

NOVA - new

INOVA - innovative

SLI - sliding system



Slinova Patio Door

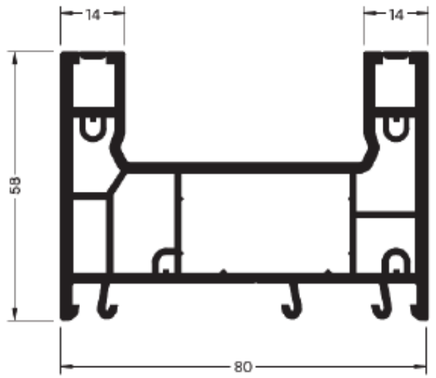
The Complete Package

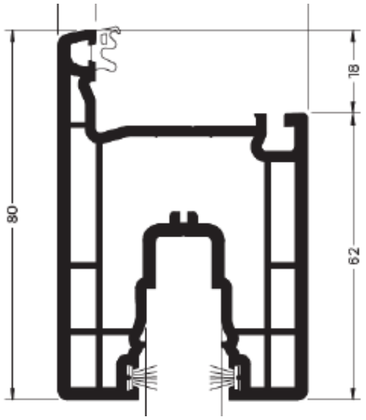
Technical Performance, Design & Sustainability

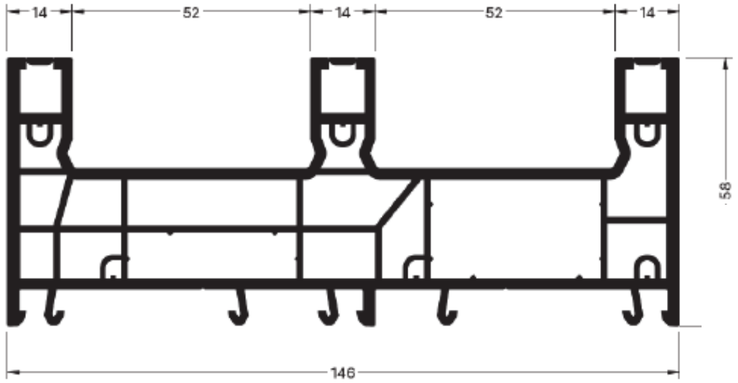
- Uw Slinova 1,4 W/mÇK
- Acoustic insulation up to 33 dB
- UK security tested PAS24
- Element sizes up to 5m (w) x 2.4m (h)
- Glazing thickness up to 32 mm
- Sash weight up to 150kg
- Platform 80mm
- Future proof EcoPuls
- Comfort low threshold
- Ready for all market requirements – Complete program scope

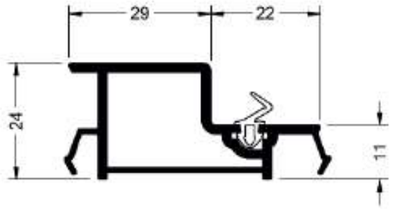


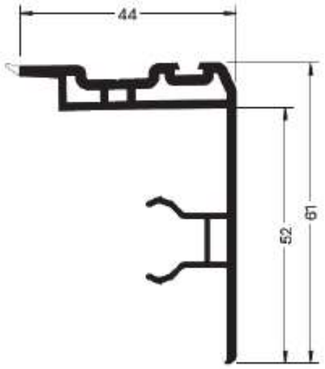
Profile Charts

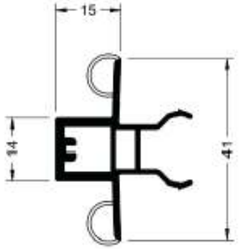


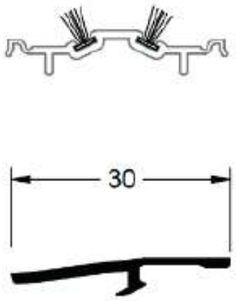




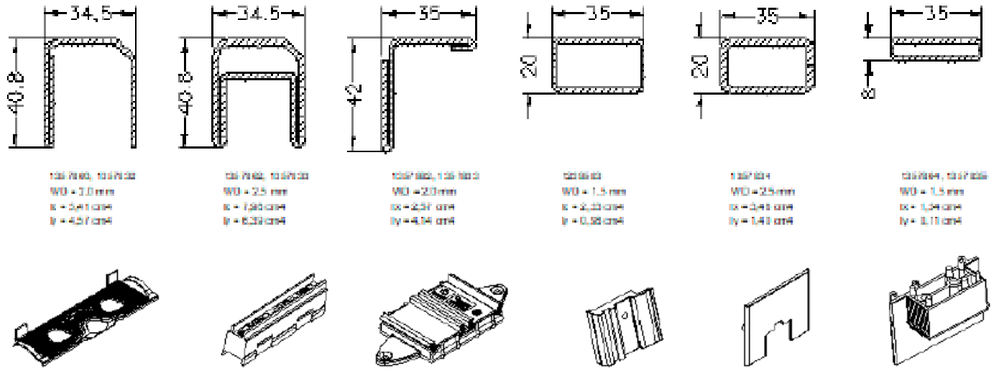








ARMIERUNGEN



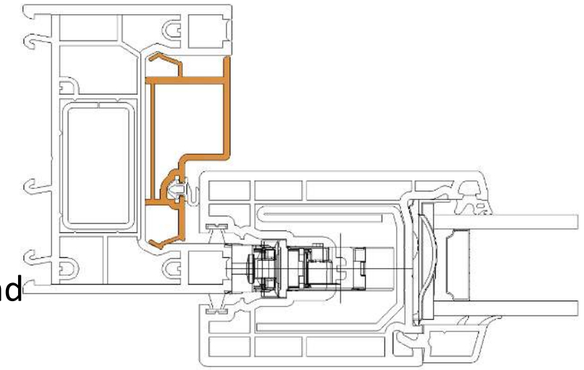


How the Slinova is different

Design



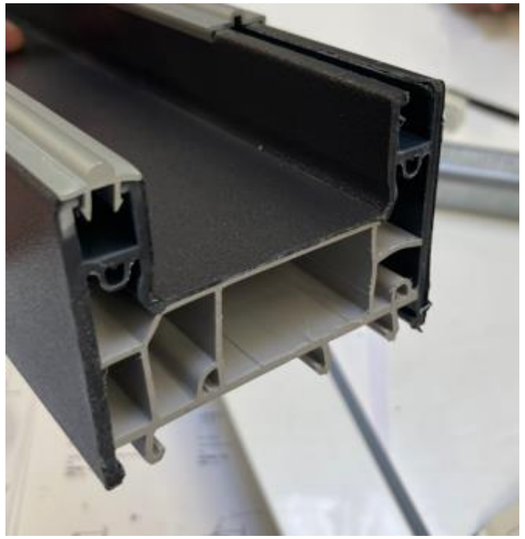




- **Modern, slim profile design** delivers a high-end aluminium-style aesthetic with simple handling and installation
- **All-round flush sash-to-frame detailing** creates clean, uninterrupted lines for a sleek, contemporary aluminium-style appearance
- **Fully trimmed frame rebate on all four sides** gives a premium finish with no exposed trims
- **UK square-edge bead compatibility** integrates seamlessly with familiar UK detailing for a clean internal finish
- **Circumferential closed outer cover profile** creates a continuous external appearance while reducing dirt build-up and maintenance
- **Concealed hardware and fixings** maintain uninterrupted sightlines for long-term visual appeal
- **Integrated tread plate at the threshold** delivers neat, durable base detail without bolt-on components
- **Wide choice of colours and foil finishes** allows suitability across contemporary and traditional properties
- **No aluminium infill clips required** which simplifies installation, saves time, and lowers risk of errors

How the Slinova is different

Comfort

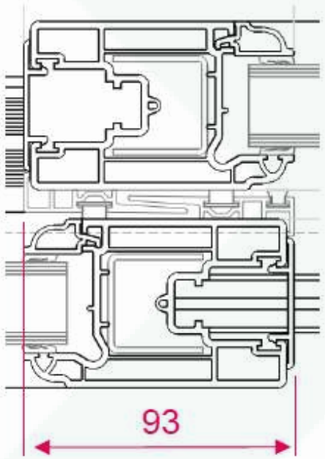


- **Contemporary design** combined with smooth, reliable operation and built-in sustainability
- **Aluminium running rails** provide smoother, more stable sliding action and long-term durability
- **Integral “zipper” track design** ensures accurate, consistent alignment during installation
- **Specialist rollers** deliver smooth, controlled operation with reduced effort for the homeowner
- **Pre-inserted brush seals** save installation time while improving smoothness and reducing draughts
- **Longer lock keep** improves engagement for higher perceived security and more positive locking action
- **Fewer components** overall which reduces the chance of missing or incorrect parts
- **Easier to fit design** speeds up installation and helps achieve consistent results on site

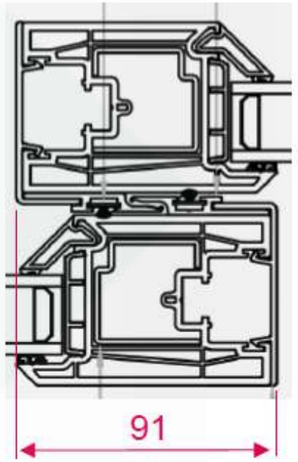
How the Slinova is different

Sightlines

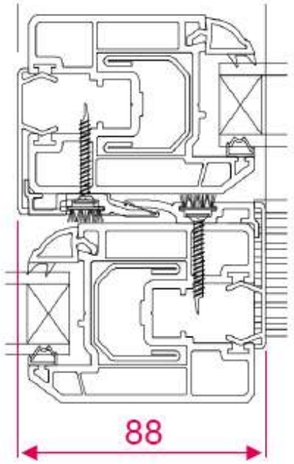
Veka



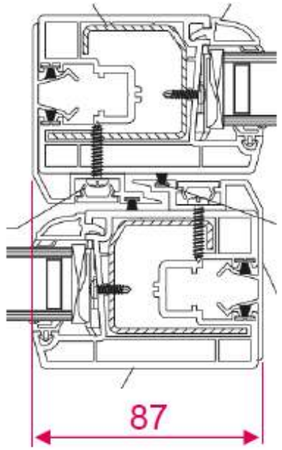
Eurocell



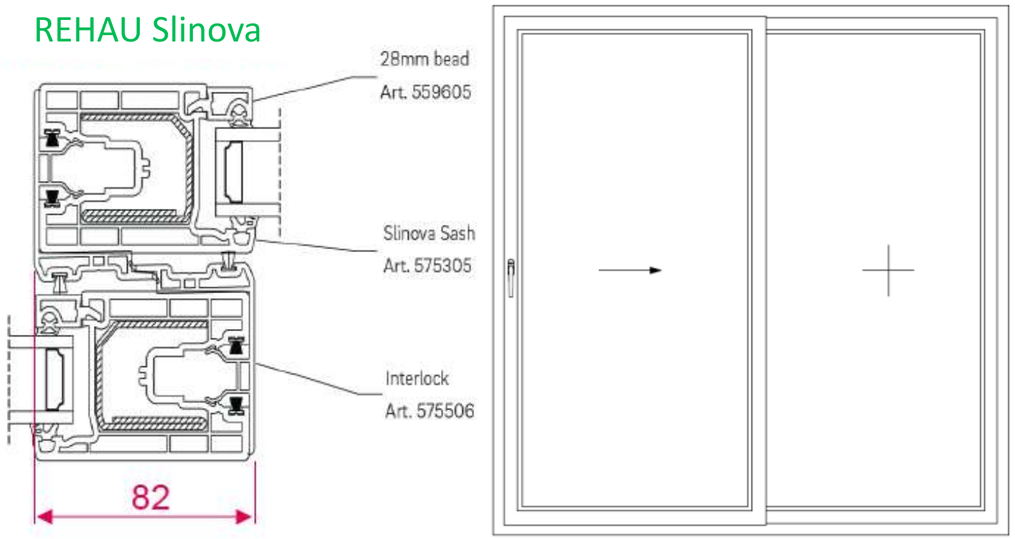
Patiomaster



REHAU Agila



REHAU Slinova

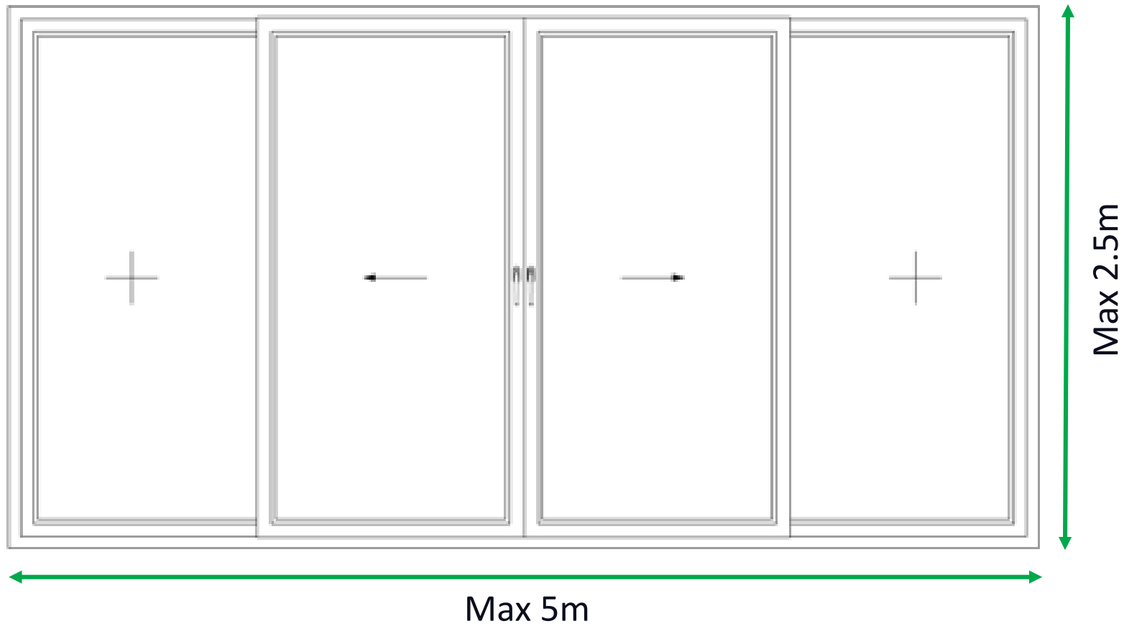


Others: Duraflex 97mm, Deceuninck 87mm, Linear 84mm

Sizes & Opening Styles

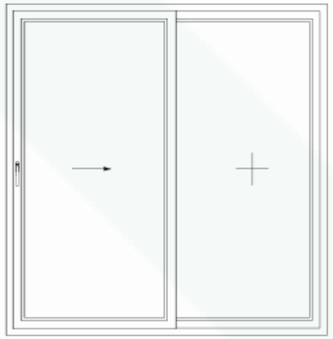
Sizes

- Frame sizes up to 5m (w) x 2.4m (h)
- Max sash size for best stability 2m (w) x 2.4m (h) or max 150kg
- Double door max 4m wide
- 4 door or triple track max 5m wide

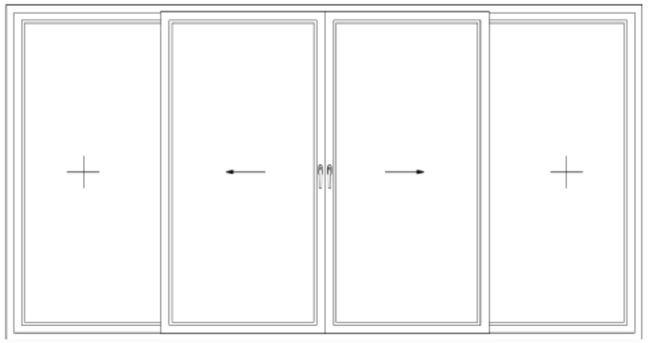


Sizes & Opening Styles

Opening Styles



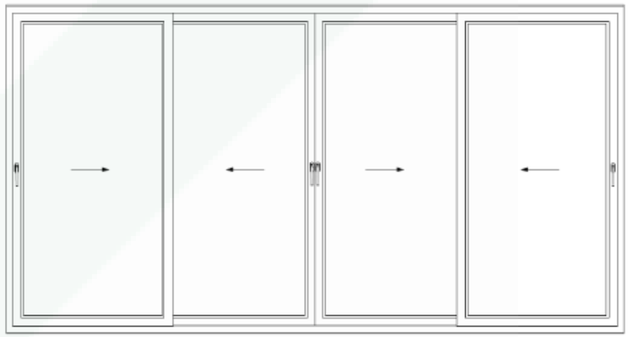
Scheme A*



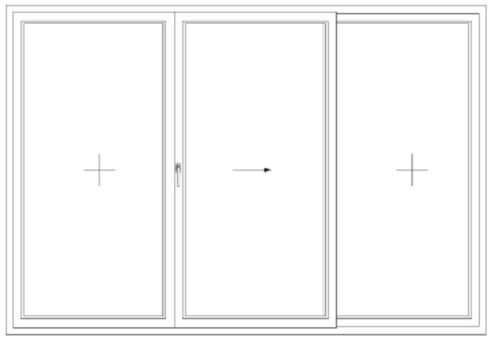
Scheme C*



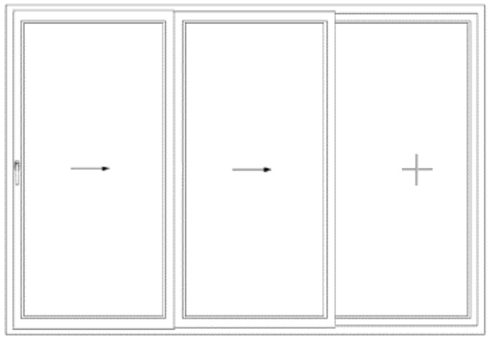
Scheme D



Scheme F



Scheme G-A*



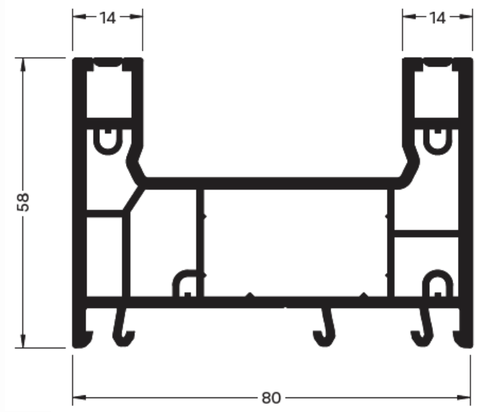
Scheme E

* Fixed glazing. Sash screwed in place

Sizes & Opening Styles

Opening Styles

- Most configurations can be made with standard double track profile
- The frame rebate is fully ‘trimmed’ to give an all-round flush aesthetic
- Anodised aluminium runners match lock keep and tread plate



Double track frame

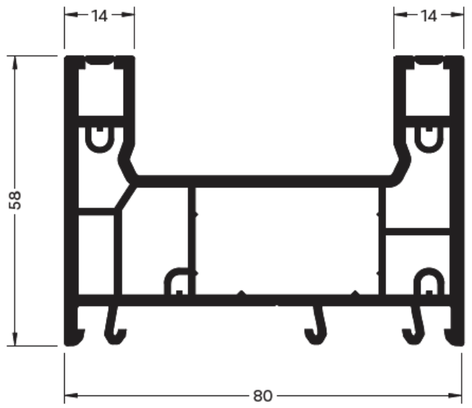


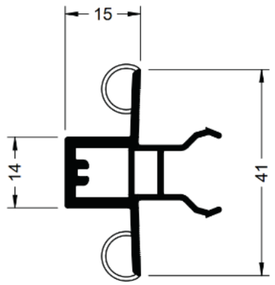


Sizes & Opening Styles

Opening Styles

- Multi-pane doors are possible in Slinova
- Max width 5m using the normal double track and multi pane adapter
- Flush infills and tread plate used in the rebate



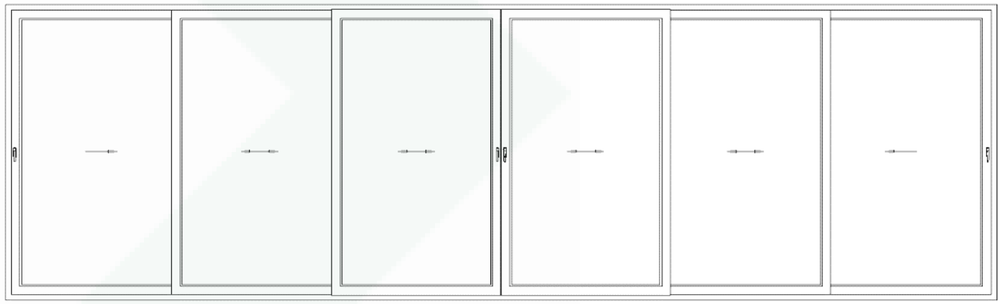


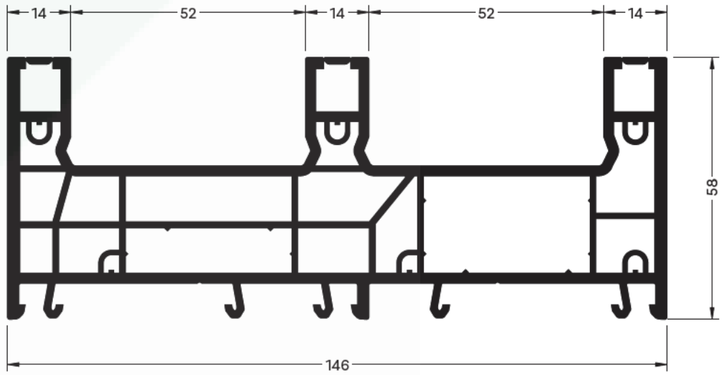


Sizes & Opening Styles

Opening Styles

- Triple track frame: Wide openings create a wide passage way and expand the living room
- Up to 6 sliding sashes with the Slinova







Foil Colour Range

Colour	Slinova Patio	Sides	Substrate	Lead Time
	Golden Oak	1	White	Standard*
		2	Grey^	Standard*
	Rosewood	1	White	Standard*
		2	Grey^	Standard*
	Anthracite Grey Grained	1	White	Standard
		2	Grey^	Standard
	Anthracite Grey Smooth	1	White	Standard*
		2	Grey^	Standard*
	Slate Grey Smooth	1	White	Extended
		NA	NA	NA
	White Grained	NA	NA	NA
		2	White	Extended
	Clotted Cream Grained	1	White	Extended
		2	White	Extended
	Black Brown Grained	1	White	Standard*
		2	Grey ^	Standard*

* Extended on Triple Track
^ Substrate not visible when foiled both sides

With 12 standard colours and over 22 options in total, there's something to suit every project style.

REHAU Slinova patio doors are available in a wide range of woodgrain-effect foils and can also be spray coloured to any RAL shade.

Whether your customer wants a modern Anthracite Grey, traditional Rosewood, or something bolder, we can deliver a finish that enhances the overall look of the property.



Note: Colour availability may vary depending on the window style selected.

Foil Colours Range

Golden Oak on White







Performance

Testing Completed at BSI Spring 2024*

- **Thermal Performance:** Uw 1,4 W/mÇK
- **Water Tightness:** 6A (250 Pa)
- **Air Permeability:** Calss 3 (600 Pa)
- **Wind Loading:** B3 (1200 Pa)
- **Acoustic Insulation:** Up to 33dB
- **UK Security:** PAS24
- **Weather Testing:** BS6375-1&3
- **Cycle Testing:** BS6375-2





* Test Report: 3982799

Performance

How PAS24 is Achieved

- Combined Alu + PVC interlock
- Supplied as a pre-fabricated add-on kit
- 2 x 4.5kN opposing force
- < 50mm interlock separation
- Minimal fabrication for Fabricator / Installer
- PAS 24 Kit fabricated at Waivis
  - 2x Alu interlocks – Pre-drilled
  - 2x Cut down PVC interlocks
  - Screw pack



Hardware

Slinova Patio Doors

Security Guaranteed

- Rehau Slinova doors are tested to the highest security standard, giving an added level of security to the home
- Specially-designed, discreet hardware makes the locks completely invisible within the sash
- Standard 6-point locking mechanism
- Easy and convenient opening
- Multi-point locking system
- 3 Star lock cylinder
- Stainless steel hooks for extra security

Frame depth	Double frame 80 mm, Triple frame 146 mm
Sash depth	54 mm
Assembly	Welded sash, welded frame or mechanical joint frame only
Material	REHAU EcoPuls PVC profile, with steel reinforcement according to the system manufacturer's specifications Sash and frame with a minimum of 40% to 75% recycled PVC, Vinyl Plus certification
Seals	The seal between the door frame and the sash is ensured by two circumferential brush seals. The glazing seal in the sash is welded in the corner area.
Maximum glass thickness	32 mm
Maximum sash weight	Up to 150 kg
Maximum dimensions (WxH)	4 m x 2.4 m
Wind load resistance	Up to class B2/C1 according to DIN EN 12210
Rain permeability	Up to class 7A according to DIN EN 12208
Air permeability	Up to class 4 according to DIN EN 12207
Sound reduction	Up to Rw,P = 33 dB



Stainless steel hook for extra security.



Aluminium anodised keep for enhanced aesthetics.



Patio Handles

Current Patio Handles

Fab&Fix Door Handles

FRENCH PATIO & SLIDING DOORS

Pembroke Patio Locking

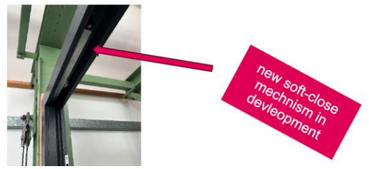


SLINOVA:
What options are available?

New improved D handles with longer locking lever available from the REHAU handle range

Colours: matt black, satin silver, white

Alternative premium stainless steel handle also available



Performance

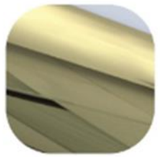
Handle

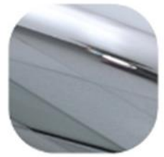





White


Black


Hardex Gold


Hardex Chrome

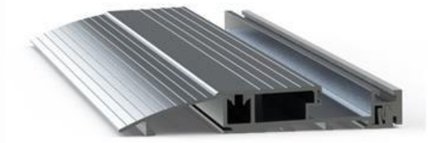

Hardex Satin

Note: Mila Pro-linea in Satin Silver

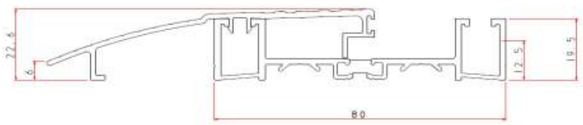
Threshold

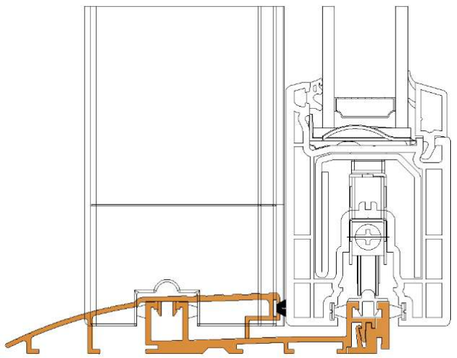
Low Threshold Option

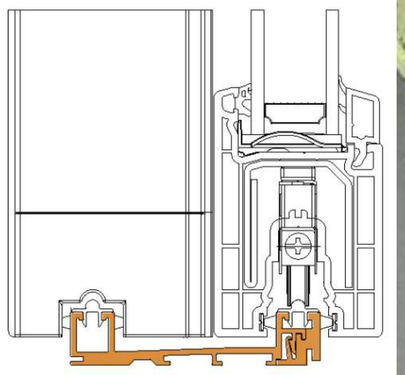
- Low threshold + ramp is available
- Or iIntegrated Alu Tread Plate
- New Part M solution coming soon
- Barrier free threshold to enable comfortable movement between outdoor and indoor areas due to a threshold height of only 20mm
- Even more comfort through optional use of a drive-on ramp
- Integrated thermal break, which reduces heat loss and helps to save energy costs



20mm version









gfdhomes
the home improvement group

01642 309 576
enquiries@gfdhomes.co.uk
gfdhomes.co.uk

REHAU

