



Windows and Doors
Designed for Living





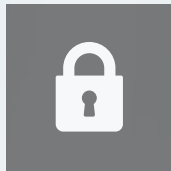
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Why choose PVCu windows and doors?



Stylish



Secure



Hardwearing



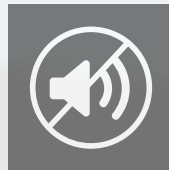
Improved
Insulation



Reduces
Heating
Bills



Low
Maintenance



Noise
Reduction

About Dessian

Dessian Products is based in Belfast and has grown to become one of the most reputable PVCu fabricators in the UK and Ireland over the past 30 years. Using only world renowned REHAU profile, Dessian manufactures all of its products to high levels of quality and durability, achieving BSI Kitemark Standards BS 7412 and PAS24 across its product range.

For more information visit: dessian.co.uk



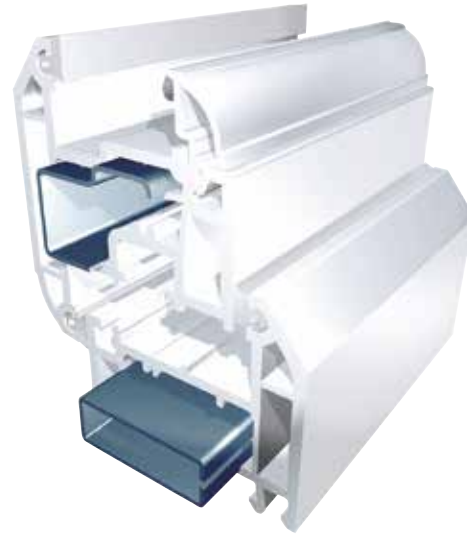
Profile Systems

Dessian's windows and doors come in three systems:

- *REHAU Tritec (60mm)*
- *REHAU TOTAL70C (70mm chamfered)*
- *REHAU TOTAL70S (sculptured)*

Each type of system is multi-chambered depending upon the specification required. The more chambers, the more thermally efficient the product.

Fabricator Accreditations



REHAU Tritec (60mm)

- Chamfered and sculptured frames
- 3 chambers



REHAU TOTAL70C (70mm chamfered)

- A traditional chamfered frame
- 3, 5 or 6 chambers



REHAU TOTAL70S (70mm sculptured)

- A modern sculptured finish
- 3 or 5 chambers



3 Chamber Profiles

- Tilt and Turn sash
- Door sash
- Transom
- 72mm outer frame



5 Chamber Profiles

- Casement sash
- 62mm outer frame



6 Chamber Profiles

- 52mm outer frame
- White only
- Use in conjunction with 44mm glazing to achieve 0.8W/m²K U-value

Secured By Design

Secured by Design (SBD) is a police initiative aimed at reducing crimes in homes by installing products which meet police-approved standards that provide an appropriate level of resistance to criminal attack.

Dessian can supply the following products with SBD certification:

- REHAU Tritec Casement Windows including Fixed Lights
- REHAU TOTAL70C Casement Windows including Fixed Lights
- REHAU TOTAL70S Casement Windows including Fixed Lights
- REHAU Tritec, TOTAL70C and TOTAL70S Tilt and Turns
- REHAU TOTAL70R
- REHAU Agila Sliding Door

*Research shows that residents living on Secured By Design developments are half as likely to be burgled.

**Source: Secured By Design*






















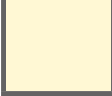



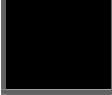















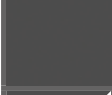







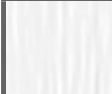



Colours

All of Dessian's windows and doors are available in White as standard but also come in a range of foil colours and woodgrains. Often customers specify White on the inside and a colour on the outside to reflect traditional wooden frames. Colour options will vary depending on the product you are buying so please speak to a Sales Manager for more details. A current summary is provided below:

Standard Window and Door Colours

- **REHAU Tritec (60mm)**
White, Mahogany, Mahogany on White, Oak, Oak on White
- **REHAU TOTAL70C (70mm)**
White, Mahogany, Mahogany on White, Oak, Oak on White, Cream, Black, Black on White, Rosewood, Rosewood on White, Anthracite Grey, Anthracite Grey on White and White Grain
- **REHAU TOTAL70S (70mm)**
White, Oak, Oak on White, Rosewood and Rosewood on White

** Fully Reversible Windows are only available in White as standard. For additional colour options, please contact your Sales Manager.*

Colour		Tritec	TOTAL 70C	TOTAL 70S
	White			
	Mahogany			
	Mahogany On White			
	Oak			
	Oak On White			
	Cream			
	Black			
	Black On White			
	Rosewood			
	Rosewood On White			
	Anthracite Grey			
	Anthracite Grey On White			
	White Grain			

Non-Standard Window and Door Colours

An extensive range of other foiled (coloured) products are available. Please contact your Sales Manager for further information on the specific lead times and prices.



Gasket Colours

All of our windows and doors have low sightline gaskets to increase the window area, allowing greater visibility and a sleeker look. Our gaskets come in the following colour options:

- Tritec (60mm) – Grey, White, Oak and Brown
- TOTAL70 (70mm) – Black



Black Gasket



Oak Gasket

Trickle Vents

Dessian's Screw-On trickle vents come in the following sizes and colours:

- 2000mm, 3000mm, 4000mm and 6000mm
- White, Brown, Black, Cream, Oak and Anthracite Grey

Our Clip-On trickle vents come in the following sizes and colours:

- 2000mm, 4000mm
- White, Irish Oak, Chartwell Green, Cream, Elephant Grey, Oak, Black, Grey and Rosewood



Brown Vent



White Vent

Bead Types

- REHAU Tritec (60mm) – ogee and angle
- REHAU TOTAL70C (70mm) – contour and angle
- REHAU TOTAL70S (70mm) – contour

Glass Thickness

- REHAU Tritec (60mm) – 24mm and 28mm bead
- REHAU TOTAL70C (70mm) – 28mm and 44mm bead
- REHAU TOTAL70S (70mm) – 28mm and 44mm bead



Corner Finish

- White – Grooved finish
- Foil and Foil on White – Knifed finish



Grooved



Knifed

A-Rated Windows

Choosing the right replacement windows can help to make your home more energy efficient and can reduce your heating bills. Dessian manufactures its frames to British Standard Institute (BSI) energy ratings A, B or C when combined with the appropriate glass.

Triple Glazing

Dessian also manufactures frames suitable for triple glazing (TOTAL70 systems only). When combined with the correct glass and reinforcing specification, a whole window U-value of 0.8W/m²K can be achieved (windows only).

U Value / WER Calculator

REHAU has developed an Online Thermal Calculator to demonstrate the energy efficiency of their windows and doors. It works by calculating thermal transmittance or "U-Values" by following the principles of BS EN ISO 10077-1.

Dessian recommends this tool to provide indicative WER ratings for retail customers. The program allows the user to print the calculation graphic to show whether a particular window achieves an A, B or C rating and also facilitates the personalisation of customer quotations.

www.rehauanswers.co.uk

Recognised By



Window Energy Rating	
Dessian Products Ltd KM 564407 Rehau S703 Casement	
	A
Efficiency rating (kWh/m ² /year) Energy rating certified by BSI and based on a UK standard window. Exact energy consumption for this product will depend on the building, the local climate and interior temperature.	0 UK
Country:	0 UK
Thermal Transmittance Solar Factor Air Leakage	1.4 W/m ² .K 0.45 0 W/m ³ .K
www.Kitemark.com Kitemark and the Kitemark logo are registered trademarks of BSI Approved Document L1B 4.22	



Window Styles

Choose from our modern range of window styles:

- Casement Windows
- French Windows
- Tilt and Turn Windows
- Fully Reversible Windows
- Bay and Bow Windows
- Arched or Angled Windows
- Sash Horn Windows
- Flush Fit Windows



Casement Windows

Casement windows are the most popular window type and can be designed to suit any type of property. They come in a wide variety of configurations including fixed, top or side openers and offer superior insulation and security.



French Windows

French windows have all the same great features as casement windows but with a much larger opening area to really bring the outdoors inside. They also provide a stylish solution to fire escape regulations when required.

Tilt and Turn Windows

Twist the handle half way to tilt inwards or twist fully to open like a door, these dual functioning windows are versatile and easy to operate. If required this window can be used as a fire escape.





Fully Reversible Windows

Fully Reversible windows are extremely practical, especially for tall buildings as they can be turned right around, enabling the glass to be cleaned on both sides. To aid safety, there is a restrictor system which prevents the window from opening too wide.

Bay and Bow Windows

Bay and Bow windows add another dimension to your home, allowing more space and light. Our windows are made to your specific requirements depending, on the size and shape of the area you wish to create.



Arched and Angled Windows

Arched and Angled windows are often used in extensions or custom built houses to add a touch of modern sophistication to the home. A wide range of shapes can be made in all our colours according to your specific requirements.

Sash Horn Windows

Dessian also offers an alternative to the sliding sash window. The run-through Sash Horn window opens outwards like a casement window whilst imitating the classic look of a sash window when closed.



Flush Fit Windows

REHAU's Rio Flush Fit windows are fast becoming a contemporary alternative to casements. They are characterised by openers that close flush with frame. Flush Fit windows are ideal for customers who want to replicate timber windows whilst benefitting from the durability, security and energy efficiency of uPVC.

Window Locks

Dessian supplies a comprehensive range of window locking systems to reduce the chance of intrusions, helping homeowners to feel safe in their home.

Standard Espagnolette

All windows come with this lock as standard which has multiple locking points to achieve a high standard of security.



Shootbolt option (high security option)

Shootbolts extend outwards from the top and bottom of the window holding it tight to the frame and increasing security.



Twin Cam Espag (high security option)

This provides an extra level of security with the addition of another locking point. Its "pinching" movement secures both lock points into the keep.



Window Handle Colours

Dessian offers an extensive range of handles to suit your home and personal taste.

White



Black



Premium Gold



Matt Gold



Chrome



Satin Silver



Window Hinges

A range of window hinges are available. Your Sales Manager can help you to decide what is best for your window requirements.

Our range:

- Standard
- Fire Escape
- Easiclean
- Restrictor



Standard Hinge



Fire Escape Hinge

Cill Types

Cills are available in the following sizes and colours:

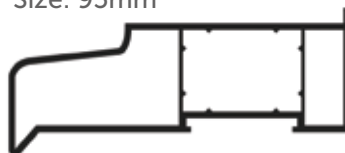
Sizes:

- 95mm
- 150mm
- Tritec 180mm
- Tritec 225mm
- 70mm & Sculptured 180mm

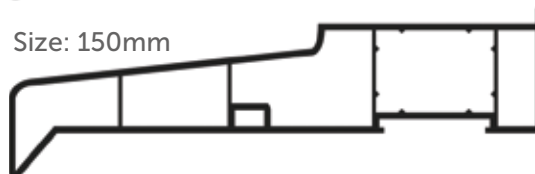
Colours:

- White
- Mahogany
- Oak
- Cream
- Black
- Rosewood
- Anthracite Grey
- White Grain

Size: 95mm



Size: 150mm



Size: 180mm



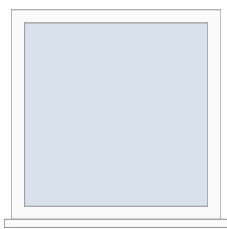
Size: 225mm



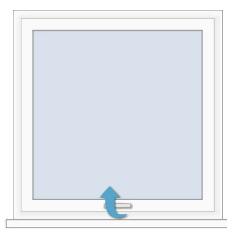
Window Designs

Some of our most popular window styles are shown below:

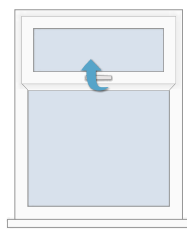
Casements



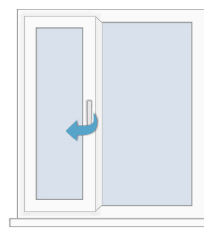
C1



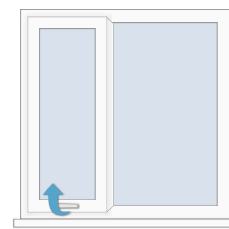
C10



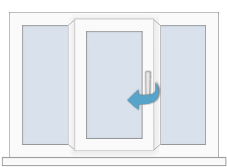
C11



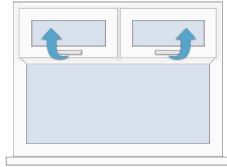
C13



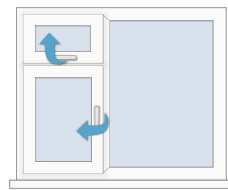
C132



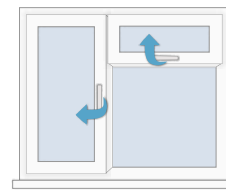
C18



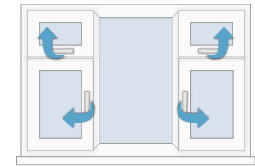
C20



C24

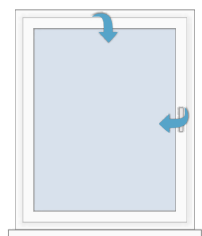


C26

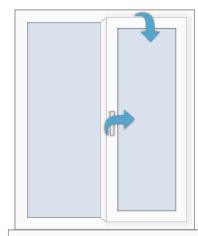


C41

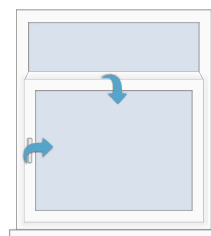
Tilt and Turn



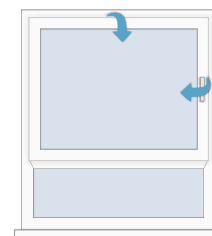
T80L



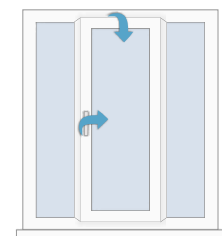
T82



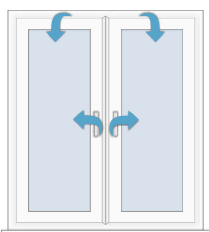
T83R



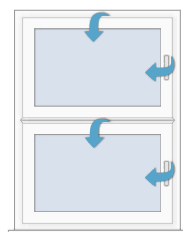
T831L



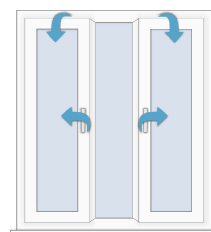
T84R



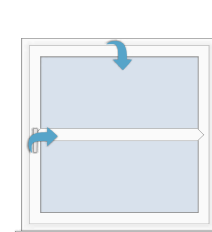
T85



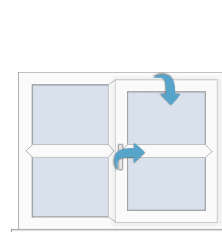
T86L



T87

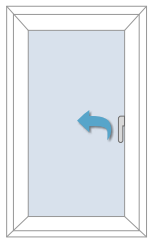


T81R

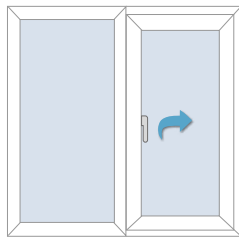


T82R

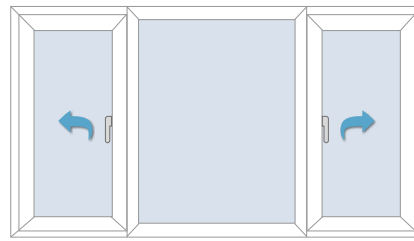
Flush Fit



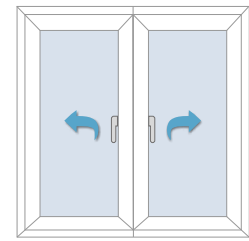
FS2



FS6

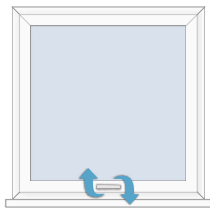


FS7

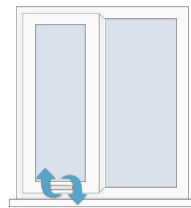


FS9

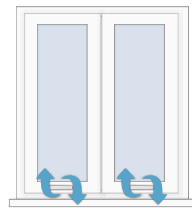
Fully Reversible



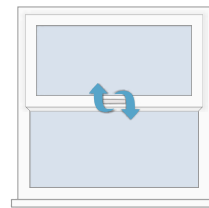
R1



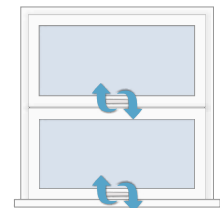
R3



R5

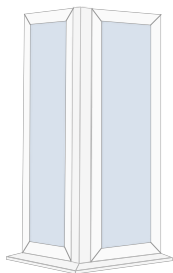


R6

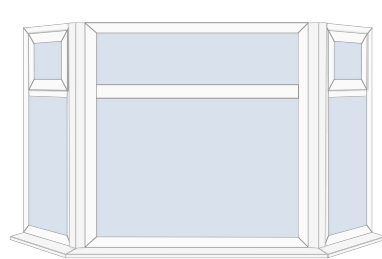


R7

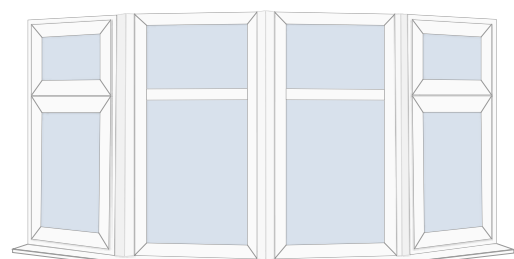
Bay and Bow



2 Part Bay

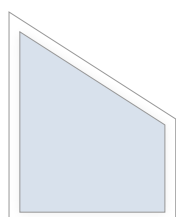


3 Part Bay

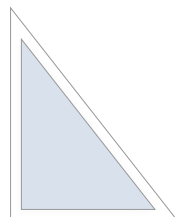


4 Part Bay

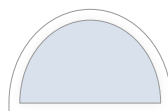
Arched and Angled



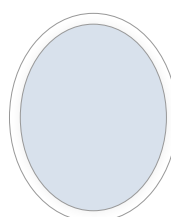
Rake



Triangle

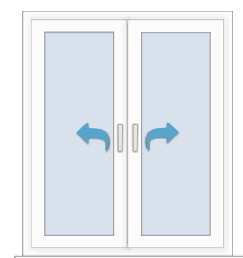


D Shaped



Circular

French Windows



C232

Door Styles

Choose from our contemporary range of doors:

- Residential Doors
- French Doors
- Patio/Sliding Doors
- Stable Doors
- Bi-folding Doors (Aluminium)



Residential Doors

Your front door will immediately add kerb appeal and value to your home. Our striking range of front and back PVCu residential doors are fully compatible with REHAU window styles, ensuring a high quality and consistent finish throughout your whole home. There is an extensive range of colours, finishes and hardware as well as the latest performance handles, hinges and locking mechanisms to make your door stylish and secure.



French Doors

French doors are double opening, allowing homeowners to enjoy their outdoor space like an extension to their home. Even when closed they allow in more light and offer enhanced views of the surrounding area. Dessian doors come with double handles as standard as well as shootbolt locks with the option to upgrade to hook locks if required.



Sliding Patio Doors

The REHAU Agila sliding door is perfect for modern living. Its versatile and stylish design includes slim sightlines which let in more natural light and creates a feeling of spaciousness. These highly desirable doors are extremely smooth running, with outstanding aesthetic appeal and security. They are available in a variety of styles from 2 - 4 panes as well as double and triple track systems (the latter allowing 3 leaves to be stacked). Enhanced security locking options including Secured By Design are available.

Stable Doors

Stable doors provide a charming entrance to the home and their style makes them ideal for cottages, terraces and older properties with character. Our stable doors offer a tilt and turn system on the top half. A wide choice of colours, door furniture and locks are available.



Bi-Folding Doors

Aluminium Bi-folding doors allow uninterrupted views by folding back and providing a wide opening to your garden. They fold to minimise lost space and their unique design ensures smooth opening and closing. Security is taken care of with shoot bolt locking and single point handles. Our bi-folding doors are weather tested to BS 6775, Part 1 PAS24 tested and Document Q compliant.

Door Security

Security on all Dessian doors is a priority to help make your home safe and secure. Our range of locking options is summarised below.

Standard 1 Hook 4 Roller

All doors come with this lock as standard. It includes bi-directional roller locks and one deadlock hook in the centre for anti-separation resistance.



French Door Locks

On our range of French doors, both sashes have shootbolt locking top and bottom. These doors will also come with a 1 Hook 4 Roller lock as standard or it can be upgraded to 3 Hook 4 Roller if required.



3 Hook 4 Roller (high security option)

This lock is designed to meet the requirements of PAS24 and is licenced by Secured by Design. It has 4 bi-directional locking rollers as well as 3 deadlock hooks to make it highly secure.

Door Hinges

Dessian supplies a 3D security flag hinge which comes in the following colours as standard.

Our range:

- White
- Black
- Cream
- Satin Silver
- Silver
- Gold
- Tan
- Anthracite Grey
- Dark Brown

Hinge Colour Range



Dark Brown Hinge



Silver Hinge



Anthracite Grey Hinge



Door Handle Colours

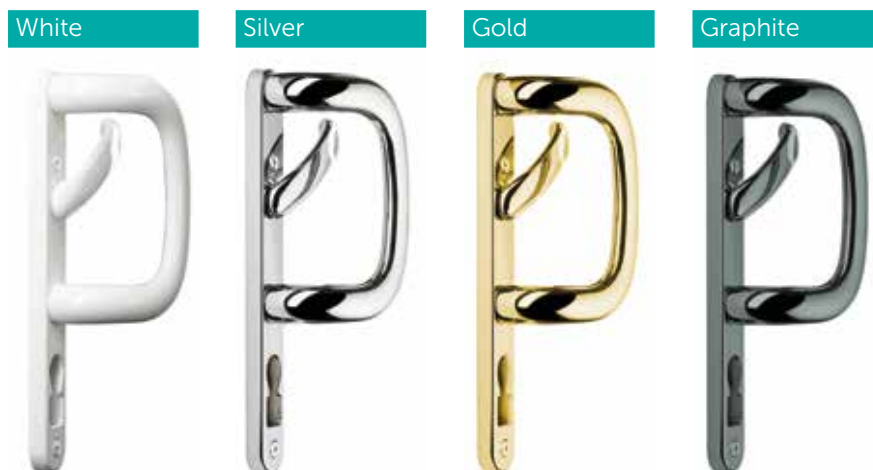
Residential Door Handle Colours

Dessian supplies a range of colours in door handles to complement every door type.



Patio Door Handle Colours

The Rehau Agila sliding door comes with easy to operate D-handles in the following colours:



Door Thresholds

Door thresholds run across the bottom of the door frame and are an important factor in the energy efficiency of a building. Dessian supplies a range of door threshold options in a variety of colours:

Our range:

- 52mm (standard colours)
- 62mm*
- 72mm*
- 15mm REHAU Aluminium low threshold (Gold and Silver)
- Stormguard Aluminium low threshold (Gold and Silver) with detachable ramp.

62mm threshold in Black



62mm threshold in Grey on White



REHAU Aluminium Low Threshold in Gold



Stormguard Threshold in Gold



** 62mm and 72mm only on Black, Black On White, Cream, Anthracite Grey, Anthracite Grey on White and Non-Standard Colours.*

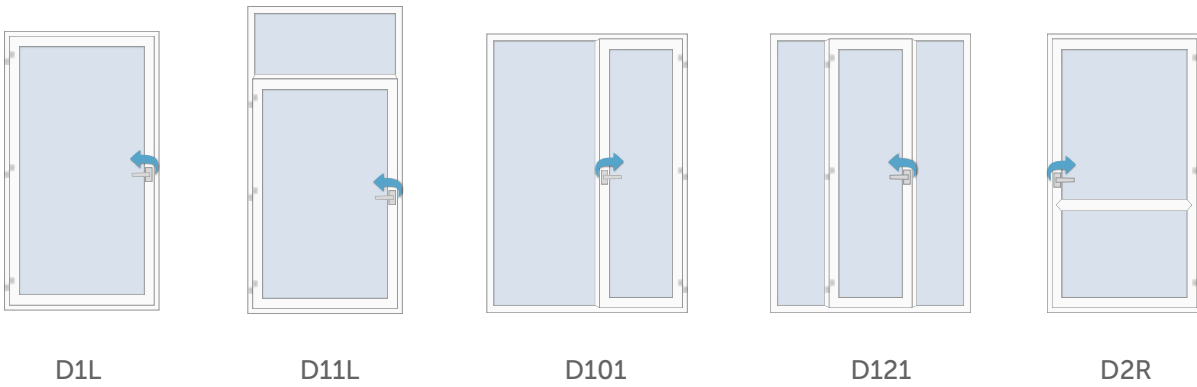




Door Designs

Some of our most popular door designs are shown below:

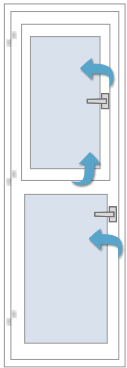
Residential Doors



Sliding Patio Doors

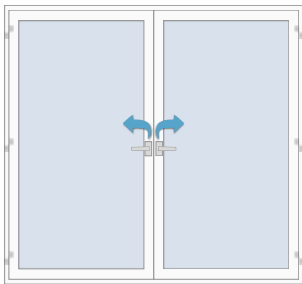


Stable Doors

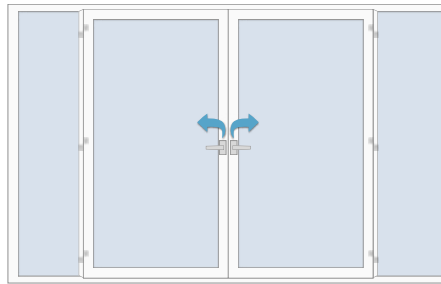


SDTTL

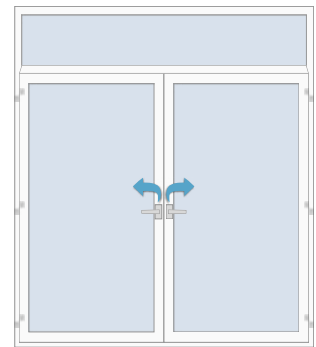
French Doors



F1

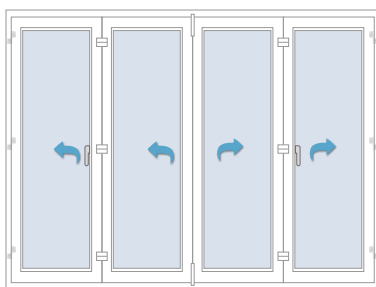


F15

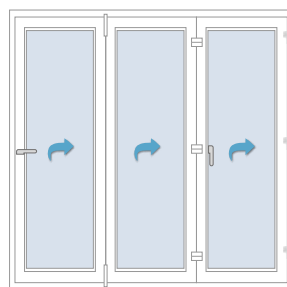


F101

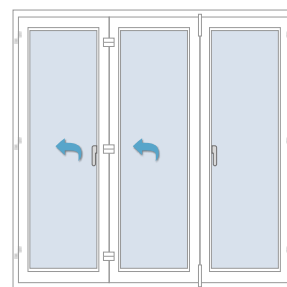
Bi-Folding Doors



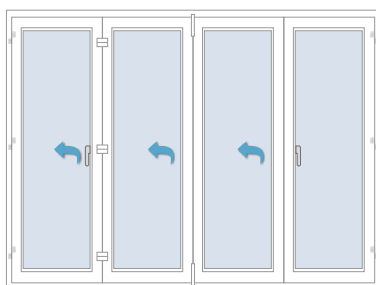
BF1



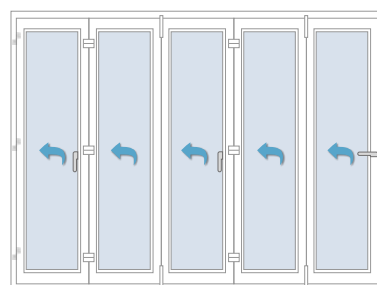
BF2



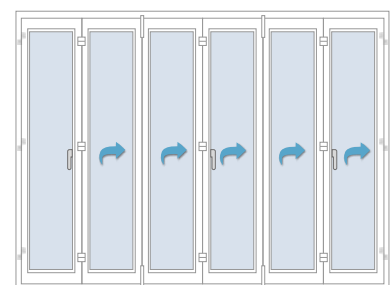
BF3



BF5



BF7



BF9



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