



SafeChoice

Windows & Doors **Technical** **specification guide**

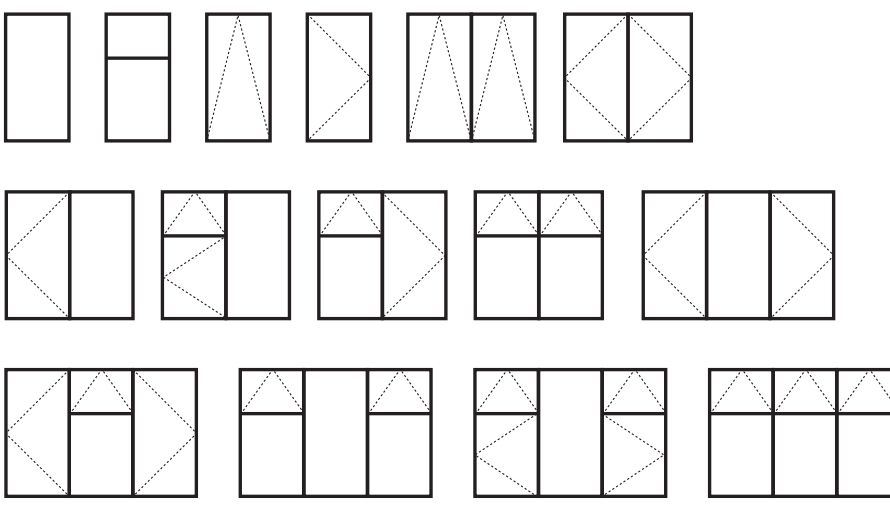
Comprehensive range of product styles and finishes will help you choose the products that are right for you

Casement

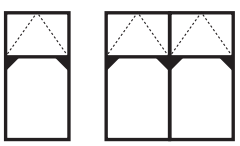
Technical Specification

Casement windows consist of outward opening sashes and fixed lights. This most common product is available in a multitude of styles and various finishes. Sashes can open as side hung or top hung to suit application.

Typical styles



Product options



Hardware

Fitted with a choice of espagnolette or shootbolts. Stainless steel friction hinges and locking handles are supplied to all sashes.

Performance

All products are manufactured to meet weather performance and operational and strength characteristics as specified in British Standard BS6375 Parts 1 and 2.

Product options

Mock horns are an option for top hung casements. The bottom of the sash has an extruded feature to give the appearance of a vertical slider.

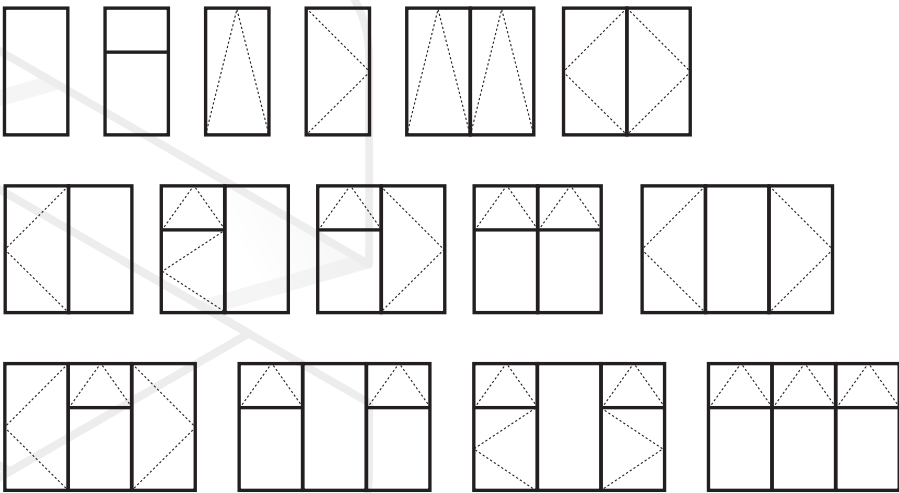
This can only be incorporated in top hungs that include a fixed light below.

Flush

Technical Specification

Flush windows consist of outward opening sashes and fixed lights. This most common product is available in a multitude of styles and various finishes. Sashes can open as side hung or top hung to suit application.

Typical styles



Hardware

Fitted with a choice of espagnolette or shootbolts. Stainless steel friction hinges and locking handles are supplied to all sashes.

Performance

All products are manufactured to meet weather performance and operational and strength characteristics as specified in British Standard BS6375 Parts 1 and 2.



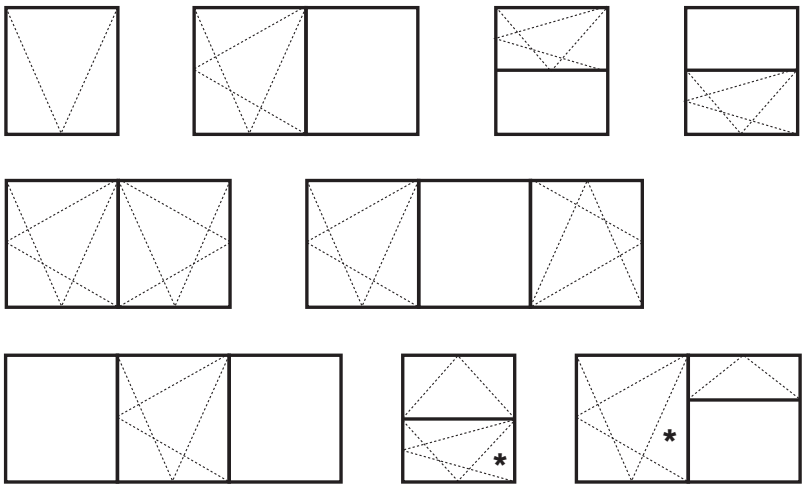
Tilt and Turn

Technical Specification

Tilt & turn windows consist of opening in sashes, which can be operated in two ways. Turn handle 90° to tilt top of sash inwards with restrictors (hinged at bottom), turning handle a further 90° allows sash to open fully inwards, hinged on the side for access and cleaning.

Available in a multitude of styles and various finishes.

Typical styles



Hardware

Consists of perimeter gearing to all sashes with multi-point lock around each sash.

Performance

All products are manufactured to meet weather performance and operational and strength characteristics as specified in British Standard BS6375 Parts 1 and 2.



* Can incorporate opening out sashes

Product options

Mock horns are an option for top hung casements. The bottom of the sash has an extruded feature to give the appearance of a vertical slider.

This can only be incorporated in top hungs that include a fixed light below.

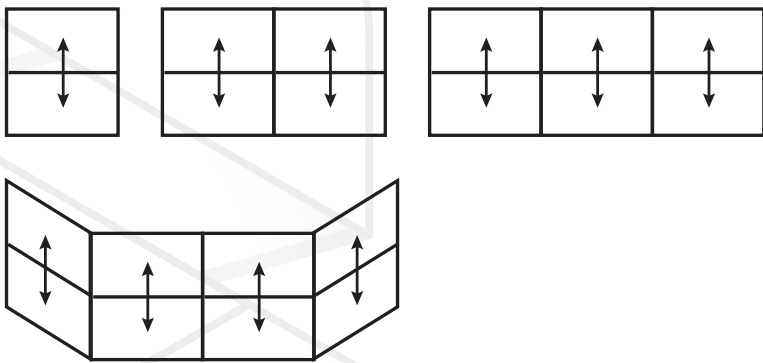
Vertical Sliders

Technical Specification

Our vertical slider combines traditional design with modern technology, available with a range of Georgian bars to create the required look.

Both sashes slide vertically to open. They can also be tilted inwards for ease of cleaning.

Typical styles



Hardware

Modern spring balances ensure smooth operation, centre fitted catch and corner latches to provide security with traditional looks.

Product options

Vertical sliders are supplied as single products but can be coupled to any other product to achieve the required look. This includes box bays and multiple coupling.

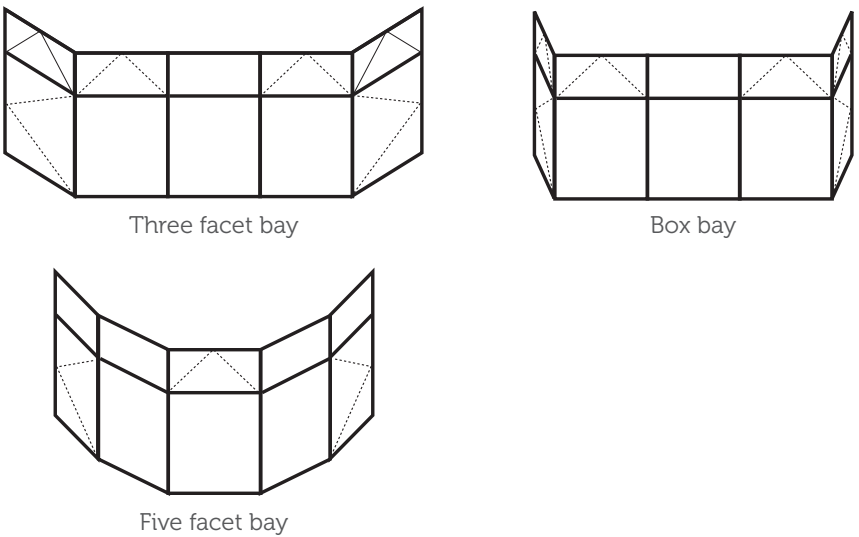


Bays and Bows

Technical Specification

Bays follow the shape of the building creating more internal space allowing you to walk into the area. Bows provide the look of bays but do not allow you to walk into the area. Very similar designs can be achieved for both, with a variety of product.

Typical styles



Bays

When three or more frames are fixed together and they project beyond the main face of the building. The brickwork above and below follows the contour of the actual window frames, therefore allowing a person inside the building to walk into the bay area.

Box bay is when the side windows are at 90 degrees to the front.

Variable bay incorporates the side windows at an angle that allows them to be seen from the front.

Bows

Are similar in appearance to a bay window which projects beyond the brickwork. However, the actual brickwork face remains flush with the main building structure. This type of window does not allow a person to walk into the bay area. Commonly available on 3, 4 and 5 segments.



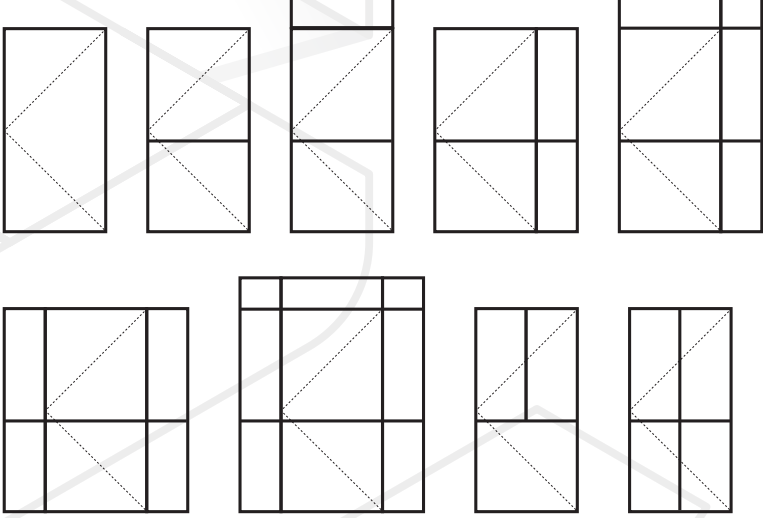
Panel Doors

Technical Specification

Panel doors are of PVC construction, combining versatility in design with modern locking technology.

Available to open inwards or outwards, there is a large variety of styles available which include side light options, panel styles with many different glass types and various solid colour and woodgrain finishes.

Typical styles



Hardware

Multi-point high security locking system, incorporating anti-lift bolts, opposing hooks and pre-compression rollers along with a one piece keep.

Product options

To allow greater versatility, all of our panel doors are available with a low threshold for easy access.

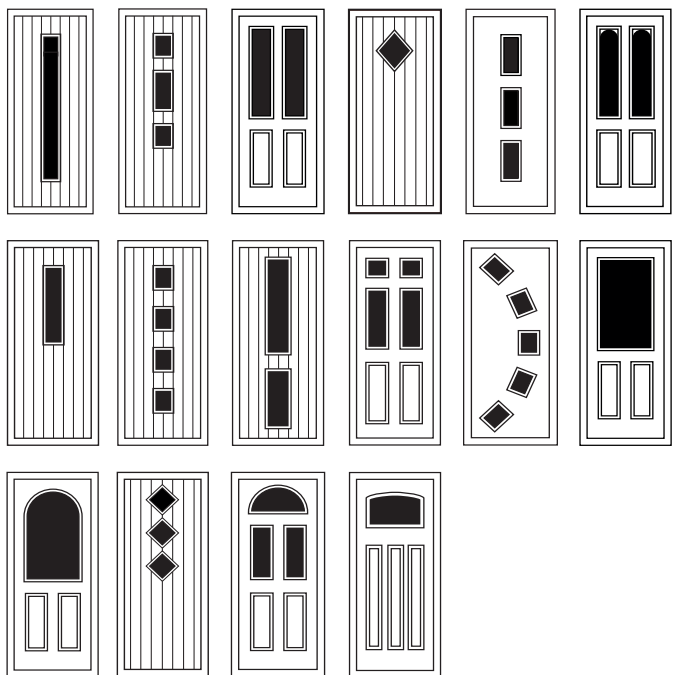


Composite Doors

Technical Specification

Combining the traditional look of timber with modern high performance materials to produce a range of traditional door style in a variety of solid and wood effect finishes.

Typical styles



Hardware

Multi-point high security locking system, incorporating anti-lift bolts and opposing hooks.

Product options

For additional styles and variations, please refer to our composite door brochure.

French Doors

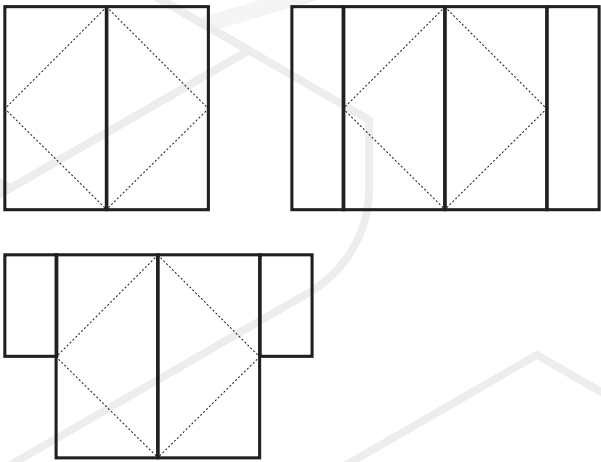
Technical Specification

French doors are of PVC construction, combining versatility in design with modern locking technology.

Available to open inwards or outwards in a variety of styles which can include midrails and can also be designed with side panels to span larger openings.

Full and half panel styles and full glass are also available.

Typical styles



Hardware

Multi-point high security locking system, incorporating anti-lift bolts, opposing hooks and pre-compression rollers available as standard on the master door.

The slave door is available in a choice of locking options including finger bolts, allowing the sash to be opened independently or shootbolts allowing the sash to be opened via a second handle.



Performance

All products are manufactured to meet weather performance and operational and strength characteristics as specified in British Standard BS6375 Parts 1 and 2.

Back and Stable Doors

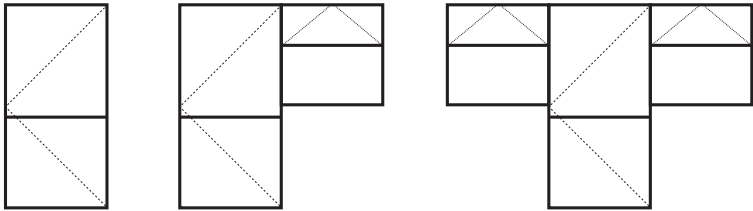
Technical Specification

Back and stable doors are of PVCu construction, combining versatility in design with modern locking technology.

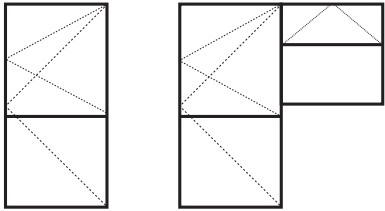
Available to open inwards or outwards, back and stable doors are available in a range of styles which also include side light options.

Panel styles are also available which include many glass types and come in various solid colour and woodgrain finishes.

Typical styles - Back doors



Typical styles - Stable doors



Hardware

Back door: multi-point high security locking system, incorporating anti-lift bolts, opposing hooks and pre-compression rollers along with a one piece keep.

Stable door: Multi-point high security locking system, incorporating anti-lift bolts and hooks together with locking points for the two opening sashes to seal.

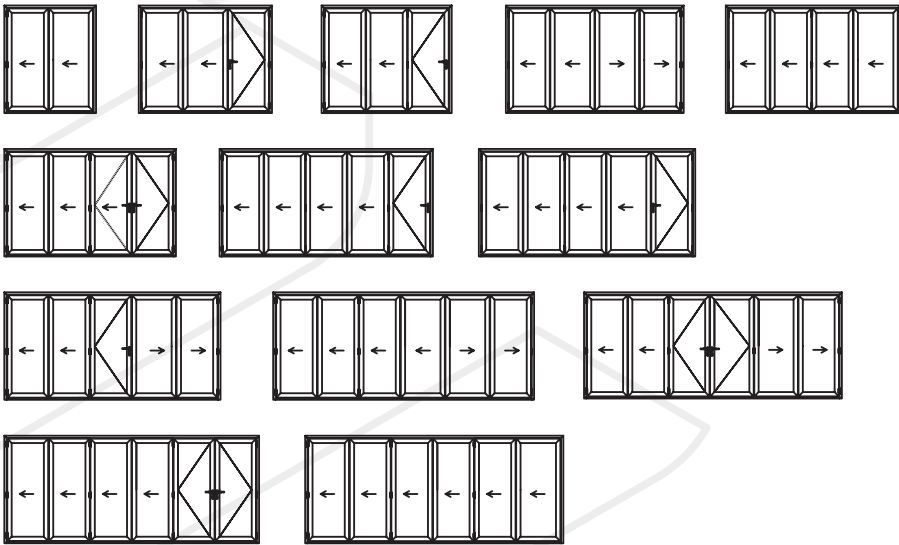
Bi-Fold Doors

Technical Specification

Designed to fully maximise any opening space, bi-fold doors are available from 2 to 6 panes in a variety of opening sequences to suit your needs. Larger styles can incorporate single or even double opening doors for day to day practical use.

Aluminium bottom track for improved operation.

Typical styles



Hardware

Multi-point high security locking system, incorporating anti-lift bolts and hooks to the main sash, folding sashes include multi-point perimeter gearing to lock and seal sashes to frame.

Performance

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Product options

There are numerous bi-fold door styles from 2 to 6 panels with various opening combinations.



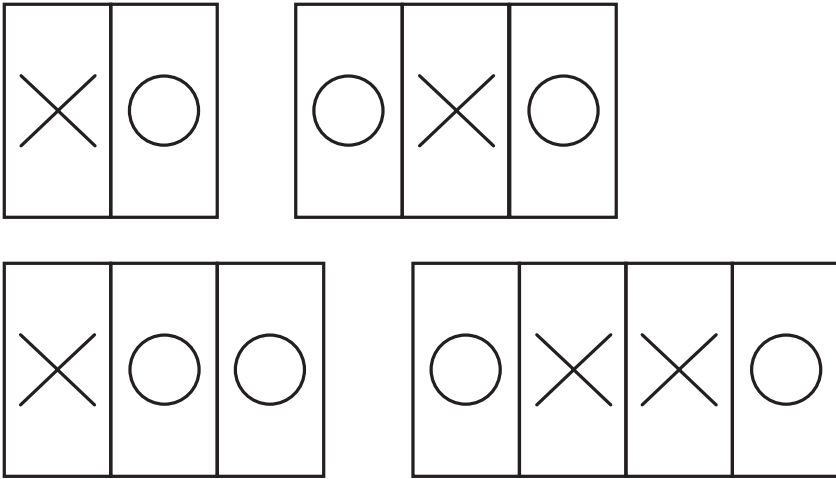
Patio Doors

Technical Specification

In-line PVCu patio doors are ideal when the opening area is at a premium as the sashes do not encroach into the surrounding space.

Available in 2, 3 and 4 pane options, patio doors can even be supplied with a midrail to include a letterplate if required.

Typical styles



Hardware

Multi-point high security locking system, incorporating anti-lift bolt and one piece keep.

Performance

All products are manufactured to meet weather performance and operational and strength characteristics as specified in British Standard BS6375 Parts 1 and 2.



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