

Sliding Patio Doors



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Patio Doors

Our patio doors are manufactured on a lift and slide basis, using Siegenia-Aubi hardware. When the door is locked, it is lowered on to two bolts, which are attached to the stile of the frame. To open the door, the handle has to be turned 180° which raises the door off its gasket and on to its wheels on the bottom track. Once the door is opened it can be lowered off its wheels and back on to the track at any position by moving the handle to the downward position. The door can also be left on a night lock, where the doors are locked but a small gap is left for ventilation.



The Finest Quality Timber We only use timber from sustainable forests to manufacture our products. European and Russian redwood, carefully selected by ourselves to ensure we reach the highest standard of quality and in accordance with BS1186 Part 1 1986, is mainly used to produce our products.

Where specified our doors systems can also be manufactured using the finest Hardwood with choices varying from Brazilian Cedar to Oak.

Lamination

Timber is laminated before it reaches the machinery, this allows the most suitable parts to be used and reduces warping of the wood to achieve the best performance and look.

Factory Pre-Finishing

Our products are supplied pre-finished. Our standard finish consists of a two-coat micro-porous water based paint. However factory pre-finishing is also available in a stain. The finish is applied to the timber using a spray method, which provides excellent coverage and allows us to effectively cover all areas of the product. Because of the care we take in pre-finishing our product maintenance intervals can be reduced.

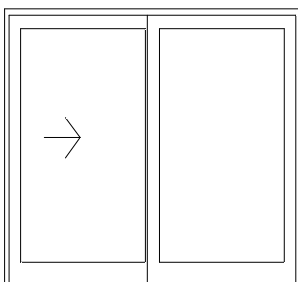
Glass

As standard our windows are fitted with 24mm thick, sealed double glazing units. These compose of 2x4mm Toughened glass and a 16mm cavity. The inner pane has a low 'E' coating and complies with Part L of the Building Regulations. Active glass and other variations are available on request

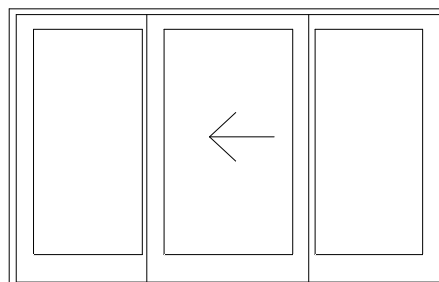
Ironmongery

The handles are manufactured in a durable SAA finish, and a Ventilator is available fitted to the fixed doors if required.

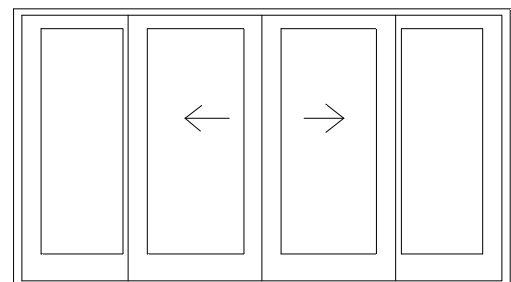
The main locking mechanism consists of a 2-point locking system and a Euro Cylinder which can be locked from inside or out and provide optimum security



One door Leaf Sliding, One Fixed



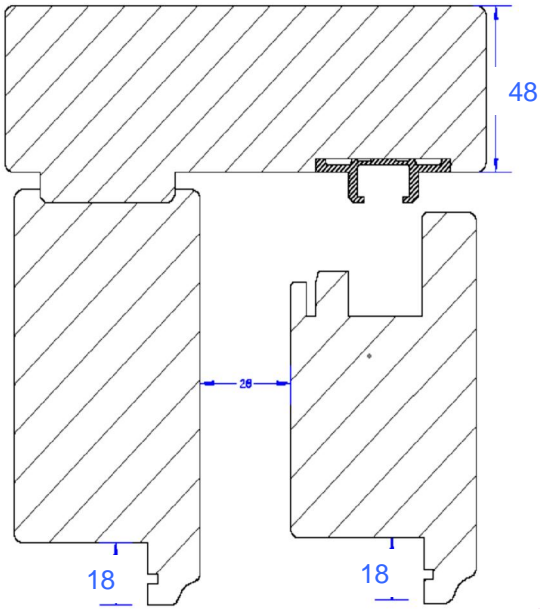
One door Leaf Sliding, Two Fixed



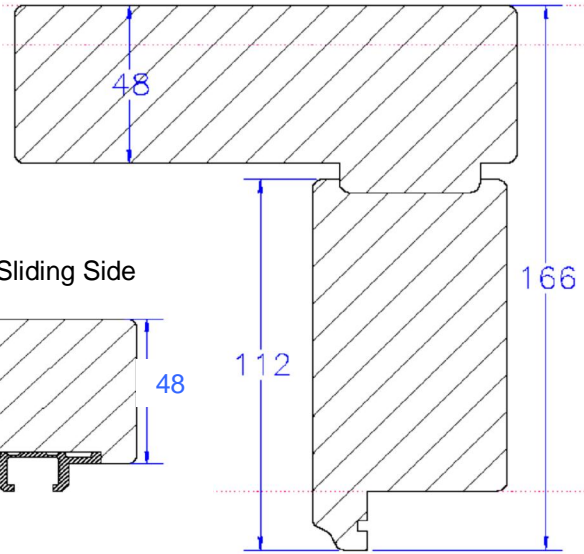
Two door Leaf Sliding, Two Fixed

TECHNICAL DETAILS

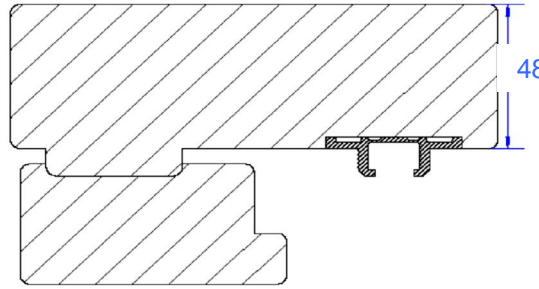
Head Section 149



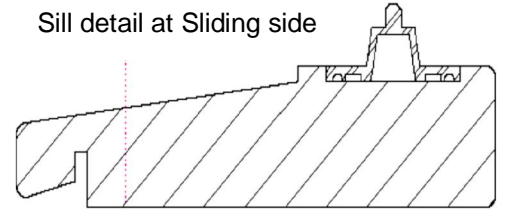
Fixed Leaf Jamb Stile 149



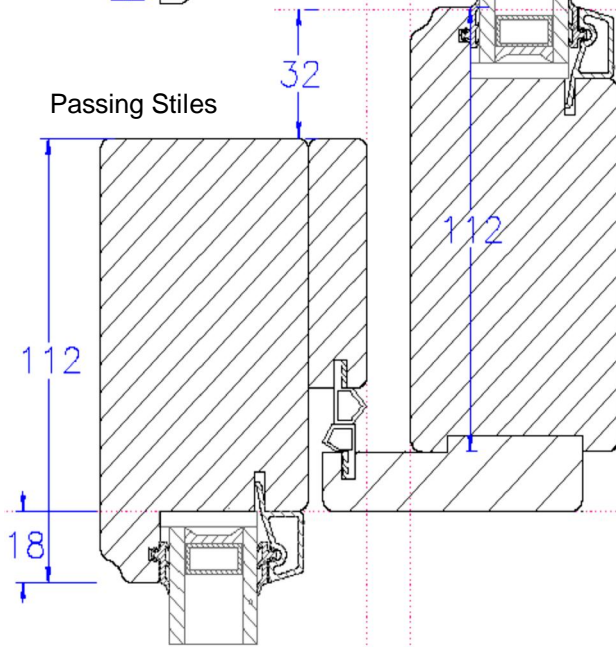
Sliding Patio Frame Head at Sliding Side



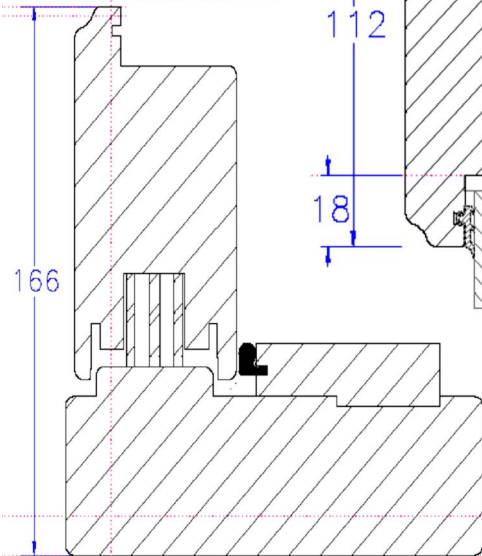
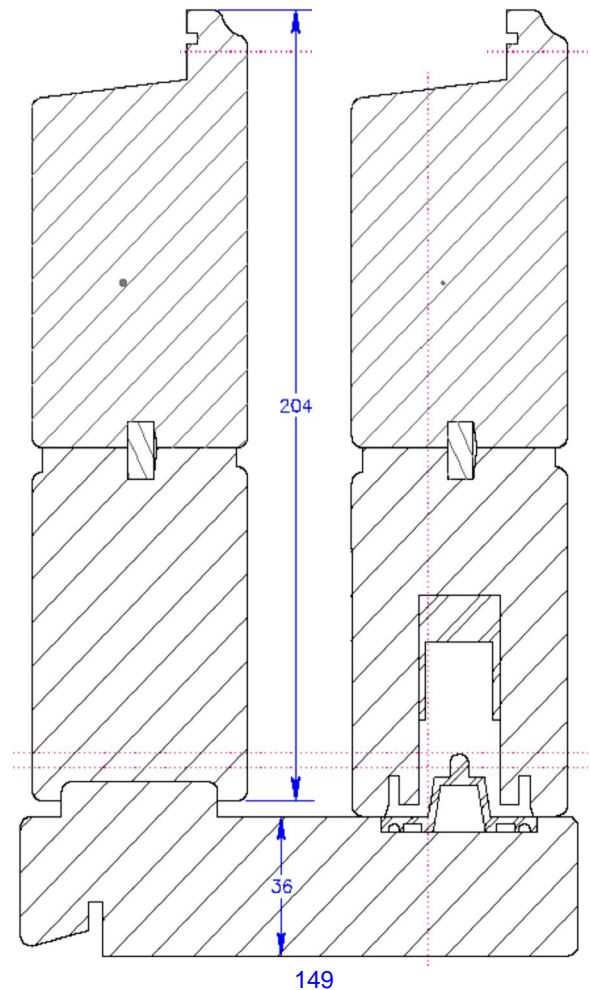
Sill detail at Sliding side



Passing Stiles



Bottom Stiles & Frame



Sliding Leaf Jamb Stile

Drawings are not to scale