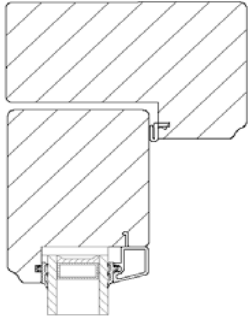
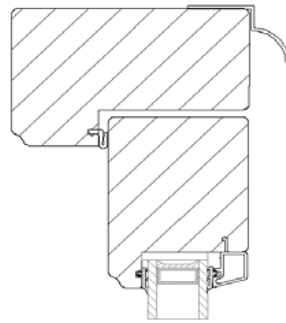


Technical Details

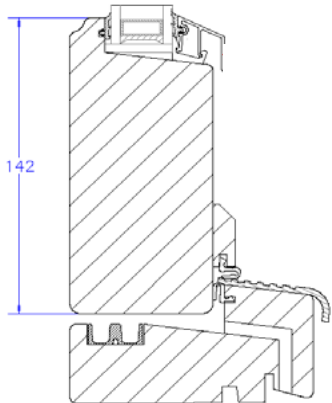
Inward folding frame Head detail



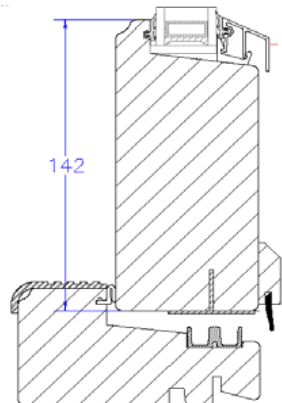
Outward folding frame Head detail



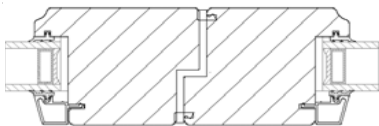
Inward folding Cill detail



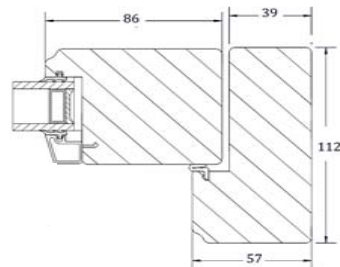
Outward folding Cill detail



Door meeting stiles



Frame Jamb & End Stile



Architectural Doors & Windows Limited High Performance Joinery Products

Folding Doorset System

The ADW folding doorset system is a unique alternative to French or sliding patio doors.

It is the only option which will allow your room and garden to become one, blending the garden or patio area with the inside.

This product can be used in a number of ways to maximize the opening area between inside and outside. This could be a restaurant, cafe or other commercial building or a sunroom, conservatory, balcony or pool in a residential property - the applications are endless.

When there are 3, 5 or 7 door leaves they can be folded back to one side in a concertina effect, then left fully open or alternatively just one door can be opened, if you desire.

When there are 4 or 6 leafs the main leaf will be hinged to one side with the other leafs folding back in the opposite direction again offering a complete opening. Alternatively, a 6 leaf door can open from the centre with 3 leafs folding back to either side.

The folding doorset system can be ordered with the doors opening into the property or outward as desired and you can also choose in which direction you wish the folding doors to open.

To ensure the door opens effectively, the maximum leaf size is 900mm x 2400mm. However we can manufacture, and will consider requests for, sizes out with the standard parameters.

The product is produced with timber from sustainable sources and manufactured with a commitment to the environment.



The Folding Doorset system is available in Timber or Timber with Aluminium Cladding to outside face.

In order to achieve various design looks, we can manufacture with solid transoms and mullions, overlay bars or glazing bars within glass units to achieve a finer bar look, along with various glass, timber material and finish options we can offer a product suited to your design needs.

Matching sidelights and hinged doorsets are also available so that other items within the same location will not look out of place and will blend into the overall design.



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ADW High Performance Folding Doorsets



The Finest Quality Timber

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

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

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.

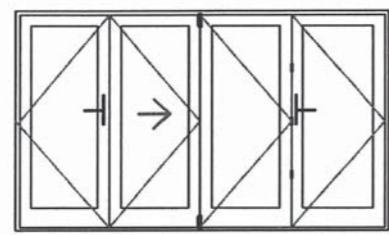
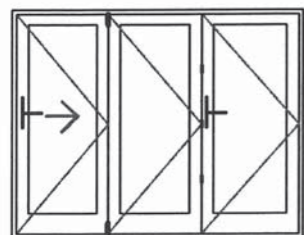


Glass

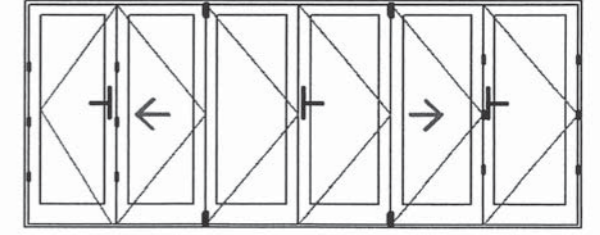
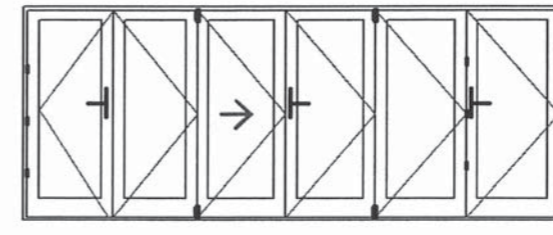
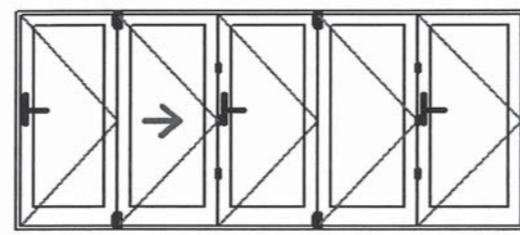
Our windows are fitted with 24mm thick sealed double glazing units as standard.

These compose of 2 x 4mm toughened glass with 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



Now available with 2 doors folding each way for inward folding system only



Weather Seals

Schlegel Aquamac draught stripping is used to provide an all round weatherseal.

Lamination

The 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.

Ironmongery

The doors are produced using an adjustable 3D hinge from Columbus. These allow easy adjustment to the doors' position in all three dimensions and are quick and straightforward to mount. They are maintenance free and come in a gold or silver finish.

The sliding ironmongery used is of steel construction with ball bearings that are lubricated for life, available in a gold or silver finish.

The handles are from the *Hoppe Tokyo* range, available in gold colour, silver colour, black or white.

The main locking mechanism consists of a 3-point locking system and a *Slave* door lock, both of which are from *Yale's Sold Secure* range and provide optimum security.

Sizes

Widths

3 Doorleafs 2018mm (min) — 2718mm (max)

4 Doorleafs 2648mm (min) — 3548mm (max)

5 Doorleafs 3305mm (min) — 4505mm (max)

6 Doorleafs 3931mm (min) — 5338mm (max)

7 Doorleafs 4581mm (min) — 5981mm (max)

Heights are generally between 2100mm — 2400mm

Other sizes will be considered on request

