

product portfolio

sunfold systems

glazed aluminium / timber folding-sliding door specialists





specialists in
glazed aluminium // timber
folding-sliding doors

also: atriums // windows // shop fronts // sliding doors // security doors // swimming pool covers // sliding roofs

sunfold



Sunfold Systems Ltd are widely recognised as market leaders in the supply and installation of a bespoke range of Glazed Folding and Sliding doors and roofing systems.

Our clients use the Folding door systems for effectively *'bringing the outside in'*, through applications such as sunrooms, conservatories, pavement cafés, wine bars and swimming pools. Our innovative products have unique 'finger-safe' safety weather seals to achieve a severe weather rating and are essential for use in public areas or where children play. Product panels can be top-hung or bottom running and can stand inside or outside the aperture, opening 90% of the elevation - one reason why they are so much more popular than conventional patio doors. Sunfold also provides glazed roofs with electrically operated sliding systems that can be operated by remote control and can carry out a complete supply and installation service nationwide and across Europe.

'change your outlook'



The requirement of this contract was to have a sliding post so that the whole corner could open up allowing the inside to give an outside feel with no glass obstructions. Also the track was inset allowing free flow access.



The surrounding pictures show the SF70 with a sliding corner post.



Folding Sliding doors - creating space

SF70 Aluminium Folding Sliding Doors

SF70 folding sliding doors have been carefully engineered to give lasting use of the latest technology with the highest weather rating in Europe.

Thermally broken aluminium (separating the outside metal from inside by means of a 20mm insulating bar) is used which prevents any cold conduction and combats condensation occurring. The doors are designed to open and fold back giving an opening of more than 90% of the space.

The profile thickness from front to back is 70mm and meets all static requirements for aluminium systems. There is a choice of profile from the WS (soft-line), rounded, features to the edges, to the WE flatter surfaces in line with conventional systems.

Together with this facility we offer flush tracks that enable unimpeded access from both inside and out creating a flow unparalleled with many other systems. The doors are operated by releasing a 'shoot-bolt' mechanism enabling the doors to glide easily to the side and stack neatly at 90° to the frame. It is possible to configure the stacking of the folding-sliding doors on either side of the space they open.

Operation is smooth, quick and easy. Handles and shoot-bolt handles are standard, with the shoot-bolt handles on each pair of panels, with the optional extra to have these key locking.

SF70

Thermal break Aluminium Folding Sliding Doors meeting at a 90 degree post. Also with a flush track detail V01/08.

SFT - Aluminium Sliding Doors

The new Sunfold sliding door system is the most up to date of its kind on the market and is planned and manufactured to be supplied as a 'finished product'.

Aluminium is an ideal material for sliding windows and doors because of its structural strength and integrity. It is also a good conductor and therefore needs to be thermally broken to prevent cold bridging. We use a polyamide thermal bar of 20mm to ensure good insulation.

The seal is guaranteed by brush strips where the fin is perfectly inserted in a double form along the entire perimeter of the doors. The guides have a specific shape which give the brush a perfect supporting base in the trust of the wind.

Through advanced designs we are able to manufacture large panels that slide easily and effortlessly to give large open spaces and clear uninterrupted views.

Security is an important factor in the design and manufacturing process, and all our products are built to surpass British Standards building regulations.



Enjoy the possibility of uninterrupted panoramic views

The adjacent project is an example of a prestigious contract in London where sliding doors and tilt&turn windows were used throughout the apartment. The brief was to have plenty of light with minimal obstructions so as not to spoil the stunning views over London. Ease of access onto the balcony was essential giving light and space.

SFT

Thermal Break Aluminium Sliding Doors
3 panel sliding system on 3 tracks



SF60 Aluminium Folding Sliding Doors

The SF60 system offers all the main features of its bigger brother the SF70 with only a few minor differences.

The sections are 60mm aluminium extrusions with a more rounded profile, lending a pleasing and original aesthetic line.

To gain the thermal break, the use of a 24mm polyamide isolator bar is put into place and to achieve maximum closure between the doors when closed, each panel consists of four individual magnetic seals, without any interruption from the hinges.

The top and bottom guides and side strikers, form a closed frame and all have EPDM seals that act in compression.

Similar to that of all the other aluminium systems we have the ability to powder coat the finish to any RAL specified colours.

The picture above left, shows an aluminium system finished in a dark grey, semi-gloss, powder coated RAL colour.



Maximize the potentials of your property



Electronic Roofs

Ideal to use as a roof garden access from the top of the house. Open up to space and light. Sunfold also provides glazed roofs with electrically operated sliding systems that can be operated by remote control

SF60

Thermally broken aluminium creating spectacular space and unrivalled, uninterrupted views. Open up to space and light and let the sun shine in.



For this concept the brief was to create the perfect atmosphere and required the windows to match the house. The folding sliding doors have a flush track to outside and one is able to wander on to the patio to laze in the sun and admire the view. The roof has electronically operated roof vent to gain ventilation when required.



Creating ambience



SF60

Folding sliding Doors, with matching SF60 style fixed glazed windows and a complete enclosure roof to match.



Glass Walls

The Glass Wall effect is one of our top selling points and really benefit the overall appeal of a room especially in the warmer months of the year.

By replacing an existing external wall section of your property with a set of Sunfold Systems Folding Sliding Doors a unique feature can be created quickly and easily and giving a sense of 'bringing the outside in'.

By introducing light and space through the use of a large removable area of glass the appearance of the room is dramatically increased, whilst still being able to retain almost 90% of the thermal properties the previous wall would provide when the system is closed, and therefore conforming to all stated British building requirements and regulations.

The photo on the left is showing an increase of space created by applying a set of bi-folding doors with a matching glazed roof to the back of the property.



SF70

Folding Sliding Doors with matching SF-ABD fixed glazed roof with door sight-lines continuing up through the design of the roof.

Conservatories and Garden Rooms

Sunfold's SF70 is a unique system enabling the doors to travel as faceted curves and still able to give severe weather rating. Each angle can be up to 22.5° so can turn 90° in four panels.

Using sunfold's SF70 system is ideal for garden rooms and conservatories enabling the whole area to be opened up extending your room to the outside offering space and practicability.

Tracks can be flush for easy access, ideal for modern living on to the patio, deck or balcony. Our doors are perfect for commercial use in pubs and restaurants, cafes, swimming pools and the like.

The surrounding images show the possibilities of the track layout, a standard flush detail which produces an uninterrupted floor-level between the inside and out, a half circular folding sliding door and finally folding sliding doors on an 'S' shaped track.



Specialist roofs

We specialise in electric sliding roofs so that the whole roof area can open up and it is possible to enjoy the sun even on a windy day. Why not consider the possibilities of having a roof garden or cover a terrace that can be completely opened at a moment's requirement no need for temporary tents and canopies.

We can also manufacture and supply fixed glazed roof lights, designed to fit in with the style of the doors.

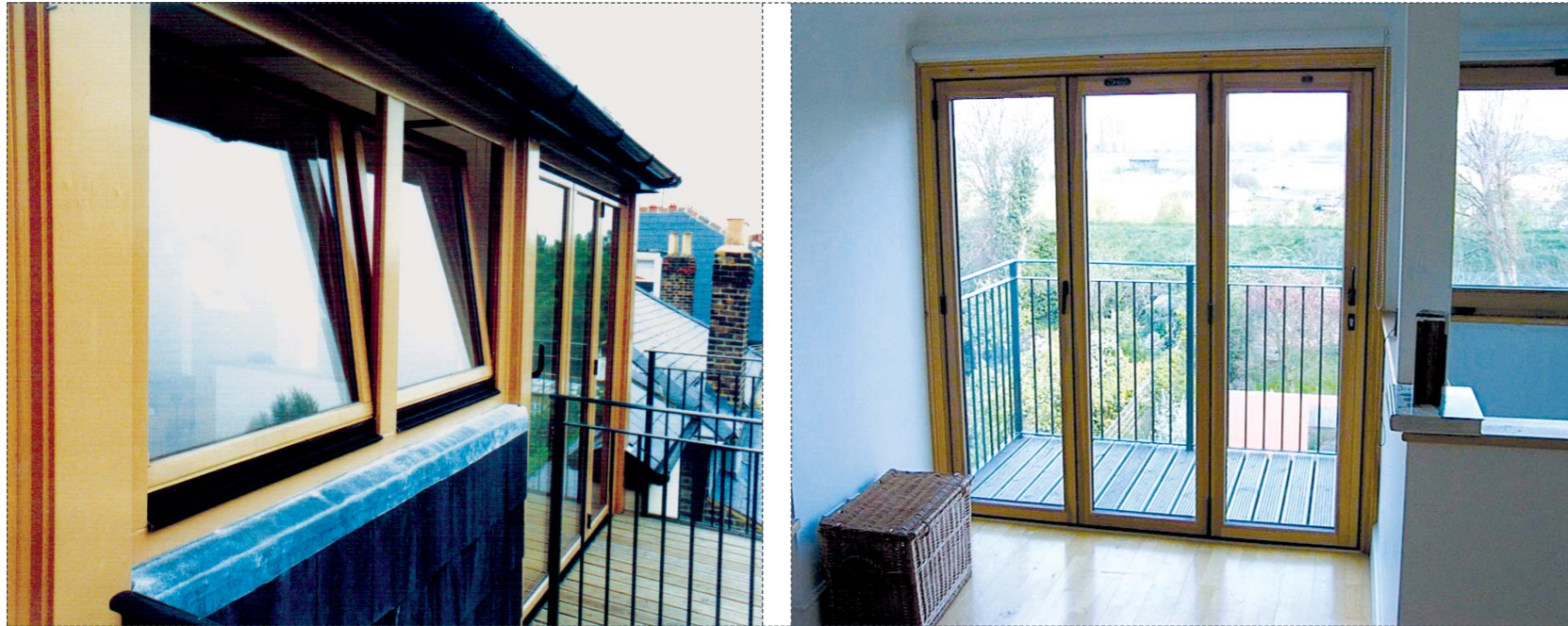
The surrounding images show a range of possible roof styles. The picture at the top left of this page, shows an electronically operated sliding roof. The others show fixed glazed roof lights.

SF69 Timber Systems

Our SF69 timber system is becoming ever popular with new and modern design and builds.

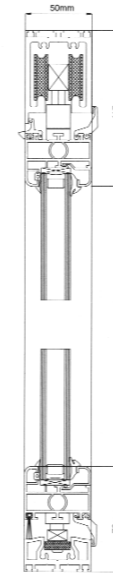
This system is manufactured from 69mm laminated timber, either the Meranti (hardwood) or knot-free Pine (softwood), which creates added strength whilst preventing warping and twisting. As a set standard, our timber door system is finished with a protective primer coat, then fully finished which comprises of 2 base coats and 1 top lacquer coat from coat from the Sikkens range of finishes or in a range of solid colour finishes.

Tilt&turn window systems can be manufactured using the same choice of timber throughout to follow on the style about the rest of the project.



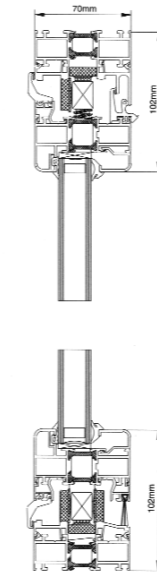
SF50

Top or bottom running (illustration shows top hung with flush track, opening in)



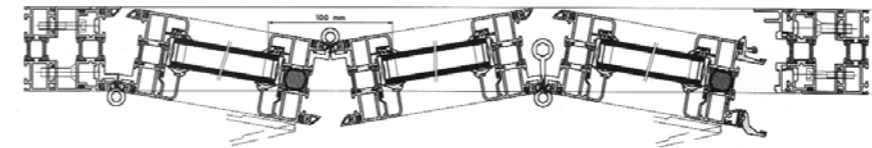
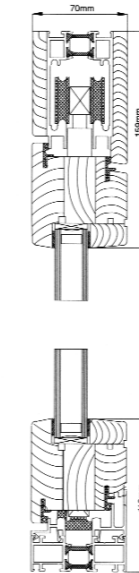
SF70

Top or bottom running (illustration shows bottom running, opening out, flush tracks)



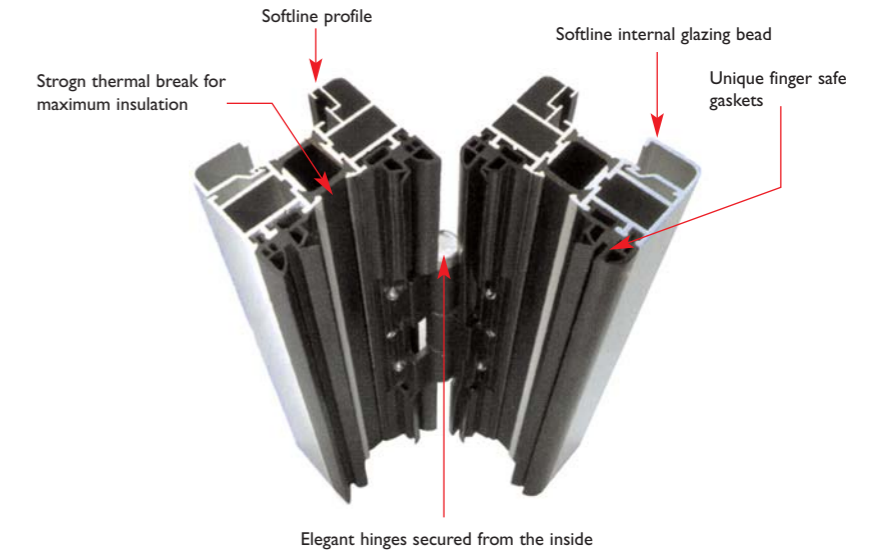
SF69

Top hung or bottom running (illustration shows top hung opening out, weathered and insulated bottom track)



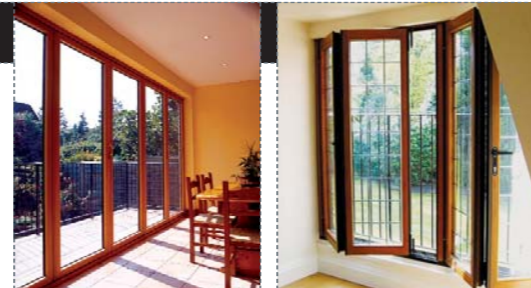
Advanced Technology

Attention to Detail



SF62 – Combination Aluminium & Timber Folding Sliding Doors

SF62 is our combination system, using a 40mm extruded Aluminium extrusion for the external face and an internal solid Oak cladding. The pair are bridged by an 8mm rigid PVCu interlayer to insulate the Aluminium from the Oak



Unique features and desirable benefits

- fully adjustable side jambs and running gear
- slim profiles with only 100mm sightlines
- unique finger-safe seals with severe weather rating
- flat sprung loaded operating handles colour coded
- system can be top or bottom running
- door panels can be opened to the inside or the outside, left or right
- flush floor tracks, or with weather bar for exposed applications
- mid-rails, tilt and turn panels and other accessories

Other Sunfold Products and Services

Sunfold offers many other types of systems and complete installation packages that complement our whole range of product.

Our sales representatives are always available to discuss your requirements and any other questions about our products so please do not hesitate to call us on 01362 699744 or email us info@sunfoldsystems.co.uk.



In-doors

Sunfold now manufactures and supplies internal doors. These doors are for both domestic and commercial settings.

Please contact a member of the Sunfold team for further advice on any 'In-doors' systems.

The picture on the left shows a glass internal door used in a recent domestic project.



The scene here shows some great examples of some sunfold doors that are framed at the head and foot only. This design allows the overall system to maximize viewing through the individual panels (in this case an essential element for the retailer) and therefore also the ideal solution for any product on display.



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