



# Aluminium Sliding Folding *System*



**Manufacturer & Exporter**

Aluminium Window & Door Hardware

Aluminium Sliding Folding System



## SF-70 Vision Fold. (Non Thermal)

### Product Description

The Vision Fold is a versatile and flexible, non thermal broken folding Door System, available in a wide range of configurations to create the look you desire.

Multiple Doors can be combined with open-in or open-out options, in a variety of styles to create a wide expanse of opening. The narrow profile ensures that maximum glazing is achieved, flooding rooms with light.

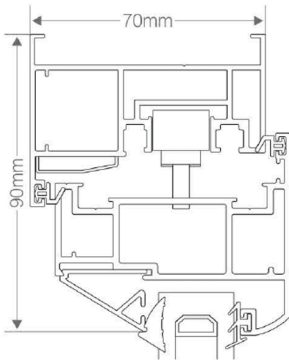
Vision Fold can be used in domestic applications as either an attractive to sliding doors or to open up an entire wall as part of a conservatory, the system will make the most of a beautiful view or bring a garden into the home.

The Vision Fold series of Sliding-folding doors offer impressive opening apertures that can unite internal and external areas creating unique living and social areas. Suitable for both Residential and Commercial applications.

Our system combine the strength and light weight properties of Aluminium form and function of the highest standard. Reliability and security are key drives in the design of any sliding or folding door system. Vision Fold systems have been rigorously tried and tested to exceed many standards and are certified under the 'Secured by Design' scheme for security and exceed severe exposure categories for weather tightness.

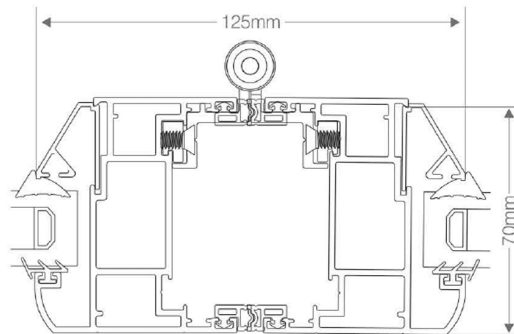
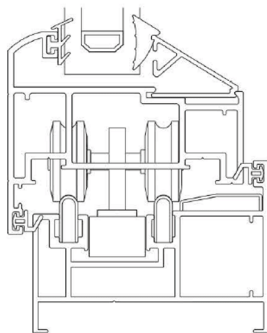
Architects and designees appreciate these Bi-Fold windows and doors not only for its extreme versatility in transforming spaces, but also for its high quality performances and its easy pliability to and technical need.

## Top Guide With Bottom Roller

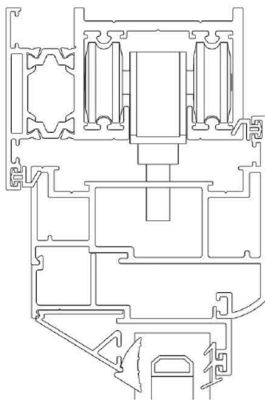


### Dimensions

Frame Width	90mm
Frame Depth	70mm
Glass	28mm DGU or 35mm DGU
Typical Sight Line	125mm
Max o/a Height	3000mm
Max o/a Width	900mm
Max Sash Weight	80kg

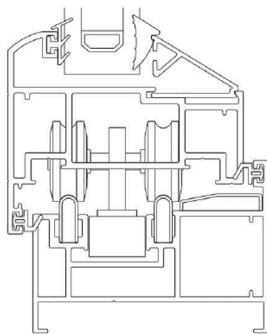


## Top Hung With Bottom Roller



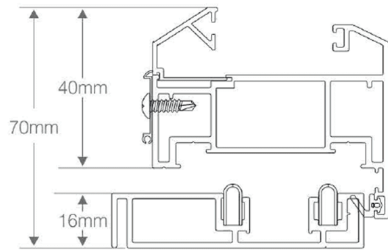
### Dimensions

Frame Width	90mm
Frame Depth	70mm
Glass	28mm DGU or 35mm DGU
Typical Sight Line	125mm
Max o/a Height	4000mm
Max o/a Width	1200mm
Max Sash Weight	150kg



<b>U Value</b> $1.5W/m^2K$	<b>Document L</b> 	<b>Sightline</b> 125mm 
<b>Air</b> 600Pa 	<b>Water</b> 600Pa 	<b>Wind</b> 1200Pa 

## Top Hung With Bottom Flush



### Dimensions

Frame Width	90mm
Frame Depth	70mm
Glass	28mm DGU or 35mm DGU
Typical Sight Line	125mm
Max o/a Height	3000mm
Max o/a Width	900mm
Max Sash Weight	80kg



### Application

Residential / Retail / Commercial - Robust use.

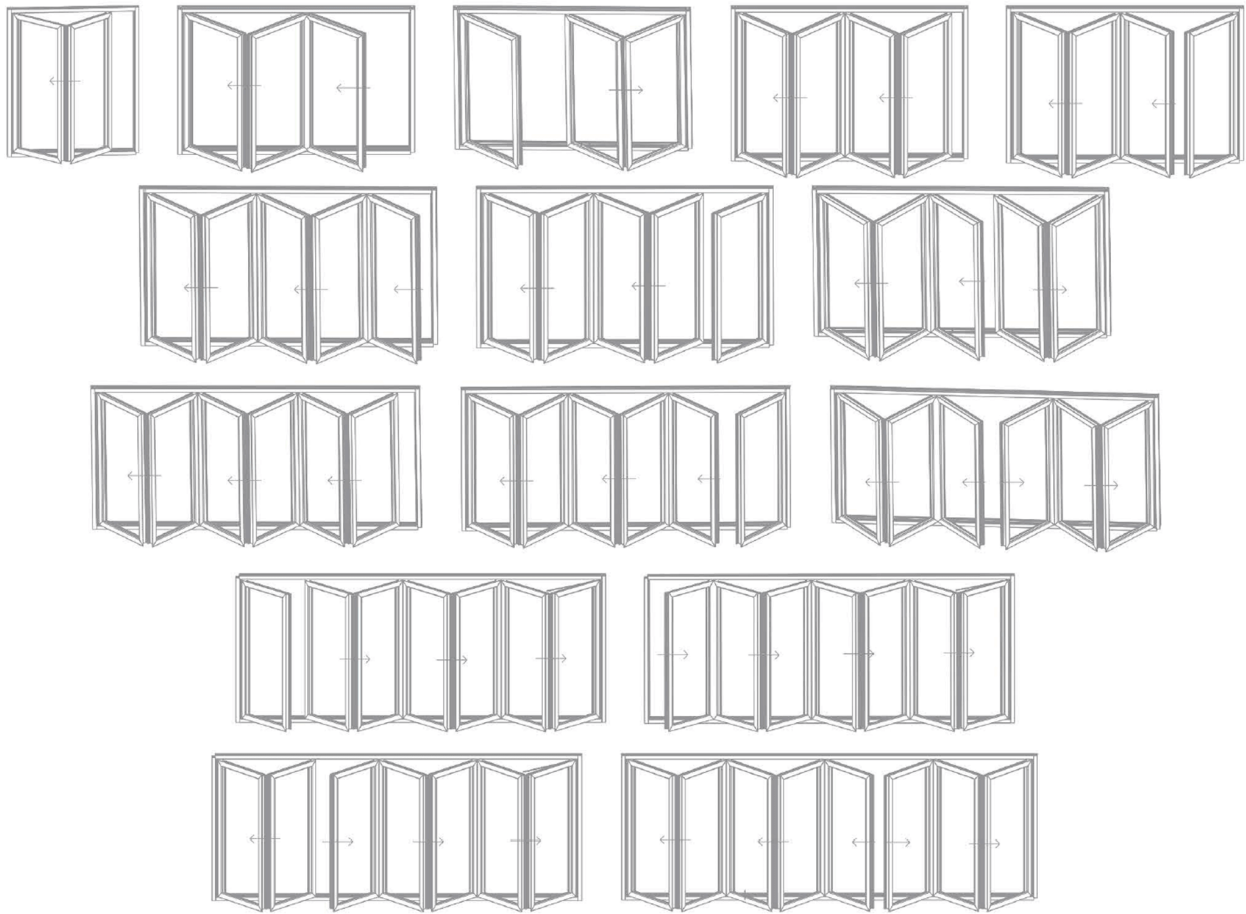
### Design Features

- 70mm Frame Depth (Slim Profiles for large glass area)
  - Narrow Profile offering minimum sight lines 42mm interlock.
  - Wrap around glazing.
  - Heavy duty sliding folding door suitable for use in commercial application where heavy usage is expected.
  - Four stainless steel wheels in bottom & four on top ensures larger door size smooth and consistent operation.
  - In or Out opening.
  - Optional top hang roller.
  - Three point hook locking.
  - Law threshold option available.
  - Anti-finger trapping gasket.
  - Available in all standard RAL colours.
  - Designed to BS6375 (weather testing).
  - Shootbolt at interval points. Handle with key locking.
- Vision fold is an ideal choice for applications that
- required large or runs of multiple sashes.
- Sashes slide on Four stainless steel wheel sitting on a
- steel track which give a smooth opening action.

### Testing Parameter

Summary of testing procedure	Result		
	Test Standard	Classification Standard	Test Standard
Air permeability	BS EN 1026:2000	BS EN 12207:2000	600Pa (Class 4)
Watertightness	BS EN 1027:2000	BS EN 12208:2000	600Pa (Class 9A)
Wind resistance	BS EN 12211:2000	BS EN 12210:2000	1200 Pa (Class A2)
Exposure category		BS 6375:Part 1:2009	1200

The Typologies Shown Folding Towards The Inside and Outside Opening is Also Possible.



The test method followed the principle of Annex D of BS EN 1191:2012



## Top Roller With Bottom Roller

### Features & Benefits :

- 10000 cycle tested with installed door. (buildcheck, UK)
- Stainless Steel 304 rollers with zero tolerance.
- 150kg weight capacity of door panel. (buildcheck, UK)
- High quality needle roller bearings. (Germany)
- Stainless Steel 304 strong and corrosion resistance cast construction.
- One piece design of roller body, maintenance free and non breakable.
- Black, White & Silver colour powder coating.
- Fewer components than competitor rollers and hinges.



## Vision Fold Handle

### Features & Benefits :

- Premium Product.
- Can be used without the requirement for additional "D" handles.
- No visible screw in the closed or open positions.
- Side entry lock mechanism avoids key damage to door.
- Available in different Colors / Finishes.
- Special Colors / Finishes possible.
- Non standard key for better safety.
- 13mm deep base-plate option.
- Non-locking options.
- Supportive for Aluminium, Timber or PVCu sliding folding doors.

## Vision Fold Gear Box

### Features & Benefits :

- Premium product.
- Top and bottom shootbolt lock.
- 20000 cycle tested.
- Specially for sliding folding doors.
- 280 hr salt spray tested zinc passivation.
- Most slimmer design for slim line profiles.



## Back-Plate Options



Cylinder Locking



Satin Chrome

Bright Chrome

Gold

Stainless Steel

White

Black



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