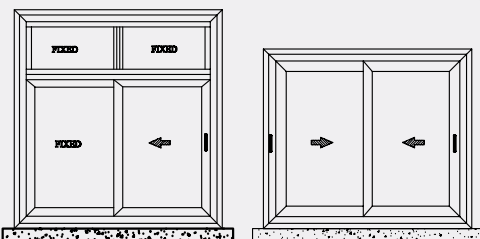
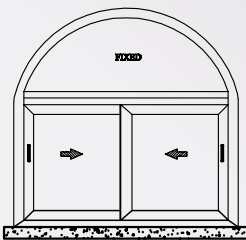
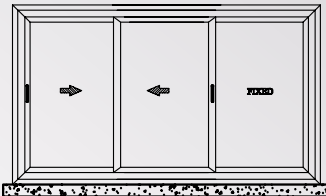
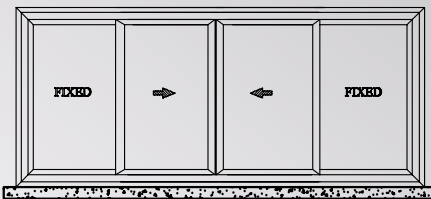


MONTANA 120mm

- Features Glass - 24mm
- Alloys - 6063 / 6060/ 6061 / 6082
- System Performance:
- Montana System has been tested at Al-Futtaim bodycote

Air Infiltration	ASTM E283-04
Water Penetration	ASTM E331-00
Wind Resistance	ASTM E330-02 (Serviceability)
Wind Resistance	ASTM E330-02 (Safety)
- Frame: 120mm
- Sash: 37.4mm
- Fly screen can be used from inside & outside
- The System covers Arch shapes, two, three & four sash including profiles for top and bottom fixed lights
- Assembly of the Frame & Sash cut 45°
- Thermal strip 16mm
- EPDM Gaskets
- Finishes:
 - Powder Coates
 - Anodizing
 - According to Shades available in Gulf Extrusions



The New Montana Thermal Break 120mm Sliding System is designed for heavy duty use (H-HC40) according to the American National Standard. The results have been impressive and apply to energy conservation, sound reduction and water & dust proofing. The Montana Thermal Break with 16mm fiberglass reinforced polyamide insulation has the sought after properties of high thermal resistance, rigidity, hardness and strength. The importance of thermal conductivity in the aluminum frame becomes apparent when one considers that the frame accounts for an average of 25% of the total window surface.

- Normal Aluminium Profiles $K=5.7W/M^2k$
- With 16mm Thermal Strip $K=3.3W/M^2k$

The System consists of a single frame and sash profile that will be used on all four sides, with snap on track-clips. The 16mm polyamide strips are introduced into the frame and sash profiles and then externally crimped using special tooling. The compressive test of the crimped profile is tested to ensure maximum strength.

The system covers two, three and four sashes including profiles for top and bottom fixed lights. Special lids have been designed to cover the frame tracks at the area where the sliding shutter is fixed. In order to meet the needs of today's architects, window and door systems must be provided in a variety of colors. This system has the special advantage of permitting subsequent application of all presently known surfaces suitable for use with aluminium either after or before the thermal break strips have been assembled.

For better performance of the system, alignment cleats for the frame and shutter are used. Durable weather sealing mastic is a must at all joints. Specially designed EPDM gaskets are made available with the system to enhance the performance and create easy assembly. Other accessories such as roller & flush handles come as part of the system.