

SPECIFICATIONS



Vollay V6000 MS – Motion - Sliding Systems

The V6000 Sliding System is an integrated program, which is designed to connect to any of the Vollay™ ranges to increase the panel's efficiency and flexibility.

The heart of the system is an OEM manufactured four-wheel trolley supplied by our Melbourne based manufacturer. The trolley is rated at 50kg of load and based on the pressure die-cast chassis, which is attached to a four UV resistant nylon wheels that run on stainless steel bearings. The wheels run in an extruded aluminium tracking system that has dual elevated running tracks into which the trolley runs to provide a smooth moving panel.

When an opening is outside of normal adjustment, we have an adjustable head, which due to its "U" shaped design and telescopic nature allows up to 35mm of additional adjustment to be achieved to square up an opening. Through the centre of the trolley chassis is a recessed hole to allow a 8mm stainless steel bolt to pass, which has two flat faces to allow height adjustment when it engages with the stile plugs.

Once the correct height is achieved, a stainless steel 8mm "half nut" is tightened onto the washer to the stile plug to ensure it is locked into position.

We have a series of concealed stile plugs that are installed using the assembly fixing method of a panel when it is manufactured. These plugs are hidden in the stiles and provide a level of superior fixing and strength, which a retro fitted top plate cannot provide.

Using the stile plugs in the bottom of the panels, we are also able to use our roller guide, which consists of a UV resistant black nylon roller, secured with a 8mm stainless steel bolt to roll in either a "U" channel that is able to be imbedded into the floor or the "M" (ramped) track that is fitted at floor level to avoid a trip hazard.

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Vollay V6000 MS – Motion-Bi-Folding Sliding Systems

To secure the panel within the tracking, we have a HDPP insert, which is held in place with a 6mm stainless steel bolt and a matching powder coated end cap. When you require securing a panel in place along the track, you are able to use a concealed flush bolt that has a nylon tipper rod, which extends into either the top or bottom rack to secure the panel in place.

Aluminium shall be extruded to Australian Standards AS 1866:1997.

Aluminum sections shall be powder coated to AS 3715-2002.

Aluminum sections shall be anodized to AS 1231-2000 and complies with corrosion resistance as per AS1580.457.1.

All fixings, bolts, screws and Pivots are manufactured from Stainless Steel.

All plastic parts are manufactured from UV resistant HDPP (High Density Polypropylene) or similar.

Please contact our office for a complete range of CAD drawings or any further assistance.

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