

SPECIFICATION: 600 Series

Specifications: Sovereign 600 Sliding Door Profile

Product

Shall be 600 Series Fibreglass Sliding Door as manufactured by Sovereign Windows. Frames are 145mm deep and comprise an interior operating panel and an exterior fixed panel. Sliding Glass Doors shall be in compliance with (AS2047 & AS1288 Standards)

Material

All frame and sash profiles are made from pultruded fibreglass, having a nominal wall thickness of 2.3 mm with minimum glass content of 60%. Non-structural accessory members may be vinyl or aluminum and identified as such.

Construction

Frame and panel corners are connected with metal or molded reinforced polymer components and mechanically secured. Joints are factory sealed and neatly fitted together.

Finish

All exposed surfaces are coated with a durable, 2-part Dulux from the protective coatings range, Luxathane – R, Recoatable Gloss Polyurethane with a minimum dry film thickness of 110 micron with a medium gloss of 65 – 95. Finish shall resist chipping, blistering, chalking, discoloration and aging under normal atmospheric conditions. Standard colors are White, Sandalwood, Ivory, Wet Concrete, Deep Green, Hartford Green, Steel, Mid Grey, Charcoal, Custom colors such as Silver and Black also available.

Hardware

The sliding panel and fly screen are equipped with two adjustable, double, tandem rollers by fitted with nylon wheels for silent operation. Locking handle is an attractive, die-cast zinc assembly with double hook. Frame sill member shall include stainless steel track liners. Door travel limit bumpers shall be provided at head and sill of jambs, for fully open and closed positions as well as anti-lift blocking to provide resistance to forced entry. A sill mounted foot lock and/or a cylinder lock are available as an option

Concealed Stainless Steel hinges and operators c/w Multi-point, sequential locking bar. Hardware is fastened into patented reinforcements.

Weather-stripping

Q-Lon air-seal gasket on interior with Santoprene bulb-type “rain screen” gasket on the exterior to provide double weather barrier.

Glass

All windows are glazed with or single pane (thickness as per applicable Australian standard), (22 mm) dual pane or (35mm) tripane insulating glass units. Glass thickness shall be in accordance with applicable Building Codes, but not less than 4 mm. The full range of glazing options are available including, low conductivity spacers, inert gas fills and glazings to reduce heat loss, solar heat gain and visible/UV transmission.

Glazing Method

Laid in glazing using polyethylene closed cell adhesive tape on the interior and an Aluminium glass stop locked in from the exterior provides a secure and positive seal for the glass.

Insect Screens

Roll-formed aluminum frame with friction fit corner keys. Screen mesh Fiberglass or Aluminum. Rated Heavy Duty.

Installation

Shall be performed by experienced installers in accordance with manufacturer’s instructions. Door shall be plumb and square after installation is complete and sealed to both interior and exterior walls with a high quality sealant around the perimeter of the frame. If perimeter cavity is to be foamed, additional anchorage may be required to prevent bowing. It shall be the responsibility of the installers to make all necessary final adjustments to ensure normal and smooth operation.

Sydney office:

Sovereign Windows & Doors Pty Limited
Unit 4 / 185 Briens Road
Northmead NSW
Australia 2152
ABN: 76 120 690 959



Phone: 02- 9630-8190
Fax: 02-9890-7122



Email: sales@sovereignwindows.com.au
Web site: www.sovereignwindows.com.au

HIA members
the best in the business 