

SPECIFICATION: 900 Series Double Hung

Specifications: Sovereign 900 Double Hung Profile

Shall be 900 Series Fiberglass, Double Hung/Tilt Window Assemblies, as manufactured by Sovereign Windows & Doors Pty Limited. Frames are 82.5mm (3-1/4") deep and in compliance (AS2047 & AS1288 Standards)

MATERIAL

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

CONSTRUCTION

Frame and sash corners are connected with 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

Locks: two sets of die-cast cam locks with release latch and keepers. [Spiral sash balances], [stainless steel constant force balances]. Sash opening restrictors, and night latch are optional extras. Hardware is installed with fasteners into patented back-up reinforcing clips.

WEATHER-STRIPPING

Windows are designed as a "Pressure Equalized Rain Screen System", with pile, Q-Lon gaskets and dust plugs to provide a positive air and vapor seal.

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 (casement only). 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 tape on the interior and a fiberglass glass stop locked-in from the exterior provides a secure and positive seal for the glass.

INSECT SCREENS

Full-height, extruded aluminum frame with friction fit corner keys. Screen mesh (Fiberglass or Aluminum) retained by vinyl spline.

INSTALLATION

Shall be performed by experienced installers in accordance with manufacturer's instructions. Window 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.

MAINTENANCE

To maintain performance and ease of operation, clean glass, frames and fly screen, vacuum weather stripping and sill, lubricate hardware and weather-stripping with only silicone spray, a minimum of every six months.

Due to constant product improvements, Inline reserves the right to change information herein without notice.