

SPECIFICATION: 800/800DS Series

Specifications: Sovereign 800/800DS Sliding Window Profile

Product Shall be 800/800DS Series Sovereign (Single Sash, Horizontal Sliding) (Fixed Lite) Window Assemblies. Frames are 82.5 mm deep and 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 (0.090") with minimum glass content of 60%. 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 with silicone and neatly fitted together. Slider frame and sash is pressure equalized and drains to the exterior.

Finish All exposed surfaces are coated with a durable, 2-part Dulux from the protective coatings range, Luxathane – R, Re-coatable 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 One or two sets of die-cast cam locks with release latch and keepers, molded celcon riding blocks, extruded PVC bumpers and pull handles. Sash opening restrictors are optional extra.

Weather-stripping Rain screen includes Q-Lon on the sash exterior and pile weather-strip at the mullion. Air barrier at the interior includes fin seal and fin type dust plugs, which ensure weather tightness.

Glass All windows are glazed with 20 mm insulating glass units. Glass thickness shall be in accordance with applicable Building Codes, but not less than 3mm. Sovereign recommends the use of double sealed insulating glass units. The full range of glazing options are available including IG grilles, low conductivity spacers, inert gas fills and glazing 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 a PVC glass stop locked in from the exterior provides a secure and positive seal for the glass. Fibreglass stop available.

Insect Screens Roll-formed aluminum frame with friction fit corner keys. Screen mesh Fibreglass or Aluminum.

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.

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