

## SPECIFICATION: 300 FIXED Series

### Specifications: Sovereign 300 Window Profile

**Product** Shall be 300 Series Sovereign (Fixed Lite) Window Assemblies. Frames are 60.0 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 corners are connected with molded reinforced polymer components and mechanically secured. Joints are factory sealed with silicone and neatly fitted together.

**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** None

**Weather-stripping** None

**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 interior provides a secure and positive seal for the glass.

**Insect Screens** None

**Reveal** made from pultruded fibreglass, having a nominal wall thickness of 2.3 mm (0.090") with minimum glass content of 60%. Cut to width/ length and fitted as required.

**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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