

## **SPECIFICATION: 325 Series**

### **Specifications: Sovereign 325 Casement/Awning/Lo & Hi Profile**

#### **Product**

Shall be 325 Series Sovereign (Casement), (Awning), (Fixed Lite) Window Assemblies, as manufactured by Sovereign Windows & Doors. 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 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.

#### **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**

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 ( 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 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. Screens are mounted on the interior of operating windows and are removable. Rated Heavy Duty.

#### **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.

---

#### **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: 02-9890-7133

Email: [sales@sovereignwindows.com.au](mailto:sales@sovereignwindows.com.au)

Web site: [www.sovereignwindows.com.au](http://www.sovereignwindows.com.au)

