

SPECIFICATION: 301 Series

Specifications: Sovereign 301 Single French and Astrigal French Doors

Product

Shall be 301 Series Sovereign Single French and Astrigal French Door Assemblies, as manufactured by Sovereign Windows & Doors. Frames are 75.0 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 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

Aquamac air-seal gaskets by Schegel on interior and exterior with 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 Aluminium and line seal on the interior provides a secure and positive seal for the glass.

Insect Screens

Non available, except for Crimsafe style

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.