

SPECIFICATION: 400 Series Commercial Shop Front

PRODUCT

Shall be 400 Series Commercial Shop Front Window Assemblies as manufactured by Sovereign Windows & doors Pty Ltd. Frames are 102mm deep and in compliance with (AS2047 & AS1288 Standards)

MATERIALS

All frame and sash profiles are made from pultruded fibreglass, having a nominal wall thickness of 2.3mm with minimum glass content of 60%. Non-structural accessory members are permitted to be in vinyl or aluminum and are identified as such.

CONSTRUCTION

Frame and sash corners are connected with molded reinforced polymer shearblocks and mechanically secured. Joints are factory sealed and neatly fitted together.

FINISH

The exposed surfaces are coated with durable Isocyanate-free 2 part Polymer Enamel with a minimum dry film thickness of 1 mils with a medium gloss of 25-40. Finish shall not blister, crack or peel under normal atmospheric conditions. Standard colors are White, Ivory, Sandalwood, Commercial Brown and Forest Green. Custom colours and split frame painting is available.

GLASS

All windows are glazed with (22mm, 24mm, 25mm, or 35mm) Aluminum insulating glass units. Glass thickness shall be in accordance with applicable Building Codes, but not less than 3mm The full range of glazing options are available including, 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 tape or shimmed butyl tape on the exterior and a PVC or Aluminium glass stop locked-in from the interior provides a secure and positive seal for the glass.

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.

MAINTENANCE

Occasional cleaning of glass and frame components with non-abrasive detergent is recommended.

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