



Specifications Series 300 Inswing Tilt + Turn Windows

Product Shall be 300 Series [Tilt + Turn] [Fixed] Window Assemblies. Frames are 60mm (2-3/8").

Material All frame and sash profiles are made from pultruded fiberglass, having a nominal wall thickness of 2.3mm (0.090") with minimum glass content of 60%. Non-structural accessory members are permitted to 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 durable, Isocyanate-free, 2-part Polymer enamel with a minimum dry film thickness of 1.5 mils with a medium gloss of 25 – 55. Finish shall resist chipping, blistering, chalking, discoloration and aging under normal atmospheric conditions.

Hardware Full range of inswing and Tilt + Turn hardware comprising interior butt hinges, single operating handle, and universal interlocked components with lock spacing adaptable to sash size.

Weatherstripping Santoprene Bulb-type gasket on interior and exterior with pressure equalizing gap at the exterior header.

Glass All windows are glazed with [dual 22 mm (7/8")] [triple 35 mm (1 3/8")] insulating glass units. Glass thickness shall be in accordance with applicable Building Codes, but not less than 3 mm (1/8"). DUXTON recommends the use of double sealed insulating glass units certified by IGMAC or SIGMA. 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 tape on the exterior and an aluminum glass stop locked in from the interior, providing a secure and positive seal for the glass.

Insect Screens Full height roll-formed aluminum frame with friction fit corner keys. Screen mesh retained by vinyl spline.

Installation Shall be performed by experienced installers in accordance with manufacturer's instructions and CSA-A440.4. 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.

Due to constant product improvements, DUXTON Windows & Doors reserves the right to change the information herein without notice.

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