

**IN-SWINGING TILT N' TURN  
DOOR ASSEMBLY**

**PRODUCT**

Shall be 301 Series, In-swinging, Tilt N Turn Door Assemblies, as manufactured by Inline Fiberglass Limited. Frames are 60 mm (2-3/8") deep and in compliance with AAMA 101/1.S.2/, Design Pressure 50 rating: DA HGD (R-50) and CSA-A440 rating A3, B7, C3.

**MATERIAL**

All Frame and sash profiles are made from pultruded fiberglass, having a nominal wall thickness of 2.5mm (0.100") 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 shearblocks and mechanically secured. Joints are factory sealed and neatly fitted together.

**FINISH**

All exposed surfaces are coated with durable acrylic urethane top coat with a medium gloss of 17-35. In compliance with AAMA-613. Available in five standard colours. Unlimited custom colours, including split finish.

**HARDWARE**

Full range of in-swing and Tilt N' Turn fittings (as manufactured by SIEGENIA) comprising interior butt hinges, single operating handle options and universal interlocked components with lock spacing adaptable to sash size.

**WEATHER-STRIPPING**

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

**GLASS**

All windows are glazed with [22 mm (7/8")], [25.4mm (1")], [35mm (1 3/8")], [38mm (1 1/2")] insulating glass units. Glass thickness shall be in accordance with applicable Building Codes, but not less than 3mm (1/8"). Inline recommends the use of double-sealed insulating glass units certified by IGMAC or SIGMA. The full range of glazing options available include: colonial grilles, low conductivity spacers, inert gas fills, and glazings to reduce heat loss, solar heat gain and visible light transmission.

**GLAZING METHOD**

Laid-in glazing using polyethylene closed cell adhesive tape on the exterior and an Aluminum 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 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.

**MAINTENANCE**

To maintain performance and ease of operation, clean glass, frames and fly screen, vacuum weather stripping and sill, lubricate hardware and weather-stripping with only silicone spray, a minimum of every six months.

- Due to constant product improvements, Inline reserves the right to change information herein without notice.