

SLIDING GLASS DOORS

PRODUCT

Shall be 600 Series Fiberglass Sliding Door as manufactured by Inline Fiberglass Limited. Frames are 145mm (5-3/4") deep and comprise an interior operating panel and an exterior fixed panel. Sliding Glass Doors shall be in compliance with AAMA 101/1.S.2 rating: SD-R45 Design Pressure 45 and CSA A440 A3, B5, C3.

MATERIALS

All frame and sash profiles are made from pultruded fiberglass having a nominal wall thickness of 2.3mm (0.090"). Non-structural accessory members are permitted to be vinyl or aluminum and identified as such.

CONSTRUCTION

Frame and panel corners are connected with metal or molded reinforced polymer components and mechanically secured. Joints are factory sealed and neatly fitted together. The perimeter of open-back frames shall be filled with insulation.

HARDWARE

The sliding panel and fly screen are equipped with two adjustable, double, tandem rollers fitted with [nylon wheels] [stainless steel] for silent operation. Locking handle is an attractive, die-cast zinc assembly with double hook. Frame sill member shall include stainless steel track liners. Door travel limit bumpers shall be provided at head and sill of jambs, for fully open and closed positions as well as anti-lift blocking to provide resistance to forced entry. A sill mounted foot lock and/or a cylinder lock, is available as an option.

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.

WEATHER-STRIPPING

Double line of silicone coated woven pile with integral fin at interior to provide air and vapor seal.

GLASS

Operating and Fixed Panels are glazed with standard [22mm (7/8")], [36.6mm (1 7/16")] for triple glazing, insulating glass units comprising safety glass components. Glass thickness shall be in accordance with applicable Building Codes. 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

The fixed and operating sashes utilizes laid-in glazing using polyethylene closed cell tape on the exterior and a PVC glass stop locked-in from the interior provides a secure and positive seal for the glass.

INSECT SCREENS

A heavy-duty extruded frame with [Fiberglass] [Aluminum] mesh provides Standard Duty performance.

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 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. Adjust roller wheels to center clearance and ease operation.

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