

## IN-SWINGING CASEMENT/ HOPPER/ FIXED WINDOW

### PRODUCT

Shall be 700 Series [Fixed], [Open-In Casement and Hopper] Window Assemblies, as manufactured by INLINE FIBERGLASS Limited. Frames are 60mm (2-3/8") and in compliance with AAMA 101/1.S.2 Rating: AP-C 65 Design Pressure 65 and CSA A440 A3, B6, C4.

### MATERIAL

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 sash corners are connected with 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.

### 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

Concealed Stainless Steel Hinges and metal-cam-locks with keepers. Hardware is installed through fiberglass substrate and into patented reinforcements. For windows greater than 1220mm (48") in height, a compression interlock provides a positive seal.

### WEATHER-STRIPPING

Santoprene Bulb-type air-seal gasket on interior with extruded flexible leaf-type Santoprene "rain screen" gasket on the exterior to provide weather barrier.

### GLASS

All windows are glazed with [22 mm (7/8")], [25.4mm (1")], [35mm (1 3/8")] 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 are available including: 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 tape on the exterior and aluminum (7/8"), (1"), (1 1/2"), (1 5/8"), (1 3/8") or [PVC 7/8"] glass stop locked-in from the interior provides a secure and positive seal for the glass.

### INSECT SCREENS

Full height, roll-formed, aluminum frame with friction fit corner keys. Screen mesh (Fiberglass or Aluminum) 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.

### 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.