

## **TECHNICAL SPECIFICATIONS**

### **MONARCH™ SLIDER (XX) VINYL REPLACEMENT WINDOW**

#### **GENERAL:**

Windows shall be Monarch™ Slider (XX) as manufactured by Lockheed Window Corp., Route 100, Pascoag, Rhode Island. Windows shall meet or exceed AAMA/NWWDA 101/I.S. 2/A440-08, LC-PG40 as required.

#### **MATERIAL:**

All master frame and sash profiles shall be of impact modified, UV stabilized, heavy wall, multi-chambered polyvinyl chloride (PVC) extrusions. All fasteners shall be hardened stainless steel in accordance with American Architectural Manufacturers Association specifications (AAMA). Ancillary components shall be of materials consistent with application and compatible with PVC.

#### **MASTER FRAME:**

All master frame profiles shall have .072" walls and shall be constructed of multi-chambered vinyl extrusions, fusion welded at each corner. Corner welds shall be cleaned to leave the exposed surfaces free from burrs or blemishes.

The master frame shall be supplied with a vinyl "U" channel header expander and an aluminum sill angle to provide for "custom sizing" the height within the opening. The master frame sill shall have a snap in track to accommodate adjustable brass sash rollers. The exterior sill of the master frame shall contain two (2) color matched baffle nylon weeps located approximately four (4) inches from each end.

#### **SASH:**

All sash profiles shall have .072" walls and shall be constructed of multi-chambered, vinyl extrusions, fusion welded at each corner. Corner welds shall be cleaned to leave the exposed surfaces free of burrs and blemishes. Each sash shall have two (2) adjustable brass sash rollers.

The exterior perimeter of the sash shall receive a glazing bead containing two (2), coextruded flexible vinyl fins, which when applied, shall provide a positive seal between the insulating glass unit and the sash assembly.

Each sash shall travel in its own track, and all vertical and horizontal profiles shall be double fin seal weather-stripped. At both vertical meeting rails, an integral mechanical interlock and fin seal weather-stripping shall be provided on each of these profiles.

The left vertical stile of the left sash and the right vertical stile of the right sash shall each have integrally extruded pull handles to provide for easy sash operation.

**HARDWARE:**

The interior sash right vertical stile meeting rail shall have applied to it one (1) or more high quality, color matched zinc die cast, sweep latch cam low profile sash lock(s), which shall engage in one (1) or more corresponding zinc die cast keeper(s) which shall be located on the left interior sash vertical stile meeting rail.

**FINISH:**

All vinyl profiles to be White, Almond or Territone throughout.

**GLAZING:**

Both sashes shall be exterior glazed using sealed insulating glass with an adhesive glazing tape or equivalent bedding and a rigid vinyl glazing bead. Glass shall be set with neoprene glazing blocks to maintain uniformity around the glass perimeter.

Standard glazing shall be nominal 13/16" thick sealed insulating glass consisting of two pieces of SSB clear float glass (double glazed). Optional glazing shall be nominal 13/16" thick sealed insulating glass consisting of one piece of SSB clear float glass and one piece of SSB low "E" glass. Optional argon gas filled sealed insulating glass units are also available. All insulating glass units come standard with Technoform TGI® warm edge IG spacer.

**SCREENS:**

All slider (XX) windows shall be furnished with one (1), half width insect screen which shall be of hollow extruded aluminum color matched to the window. Screen cloth shall be black fiberglass 18 x 16 mesh wire. Screens shall travel in a separate extruded vinyl channel integral within the master frame profile. Screen extrusion corners shall be mitered and contain one (1), zinc die cast corner key per corner that shall be mechanically stacked to securely hold the screen together.

Both vertical profiles shall have a single row of high density pile weather stripping. Optional full width insect screen with center vertical stabilizer bar and same features described above are available.

**INSTALLATION BY OTHERS:**

Window frames shall be installed straight, plumb, level, square, and securely anchored, in accordance with manufacturer's recommendations and details – see installation instructions on each window.

**WARRANTIES:**

See manufacturer's separate warranty.

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.