

## **TECHNICAL SPECIFICATIONS**

### **VINYLOCK® SLIDER (XX) VINYL REPLACEMENT WINDOW**

#### **GENERAL:**

Windows shall be VinyLock® Slider (XX) as manufactured by Lockheed Window Corp., Route 100, Pascoag, Rhode Island. Windows shall meet or exceed AAMA/WDMA/CSA 101/1.S. 2/A440-5 HS-LC25, 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:**

Master frame shall be constructed of telescoped butt joint multi-chambered vinyl tubular extrusions firmly joined with twelve (12) hex head stainless steel screws per frame, three (3) per corner into integral screw ports. Master frame corners shall be gasket waterproofed during assembly to provide permanent water tightness.

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. One (1) “wafer head” screw type jamb adjuster shall be located at the mid point of each master frame jamb which when activated is designed to provide uniform pressure on the rough opening to compensate for the “squaring” of the master frame within the rough opening.

#### **SASH:**

Sash shall be constructed of telescoped butt joint multi-chambered vinyl tubular extrusion firmly joined with four (4) hex head stainless steel screws per sash one (1) per corner into nylon corner gusset to allow for easy disassembly when necessary. The lock and keeper vertical sash members shall have 6063-T6 alloy “U” shaped aluminum extrusion inserted into their main hollow areas. Each sash shall have two (2) adjustable brass sash rollers.

Sash shall have dual durometer wrap around frame cushioned in hard and soft (flexible one piece) vinyl glazing channel to provide a watertight seal around the entire glass perimeter. Glass shall be “set” with neoprene glazing blocks to maintain uniformity around entire glass perimeter.

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 incorporated 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 throughout.

**GLAZING:**

Both sash shall be dual durometer glazed and “set” with neoprene glazing blocks.

Standard glazing shall be nominal 13/16” thick sealed insulating glass consisting of two pieces of SSB clear float (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 bug stop. 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 instructions on each window.

**WARRANTIES:**

See manufacturer’s separate warranty.

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.

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