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TECHNICAL SPECIFICATIONS

Grand Vue 177 SLIDER (XX) VINYL REPLACEMENT WINDOW SYSTEM

GENERAL:

Windows shall be Grand Vue 177 Slider (XX) as manufactured by Slocomb Windows and Doors, Inc.. Individual double hung windows and integral mullion twin double hung windows shall meet or exceed AAMA/NWWDA 101/I.S. 2/A440-08, LCPG40 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 .080" 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 contain a continuous integral 1-3/4" wide nailing flange around the master frame perimeter. This flange shall contain pre-punched "slotted" installation holes at intervals. Optional integral "J" channel is also available. 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 .080" 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 a coextruded flexible vinyl fin, 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 members shall be double weather-stripped. At both horizontal meeting rails, an integral mechanical interlock shall be provided on each profile in addition to fin seal weather-stripping on each of these horizontal 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 die cast, sweep latch cam low profile sash lock(s), which shall engage in one (1) or more corresponding die cast keeper(s) which shall be located on the left interior sash vertical stile meeting rail.

FINISH:

All vinyl profiles to be standard solid color Creme White or Optional Desert Tan; Natural Oak or Cherry interior Wood Grain with Creme White or Desert Tan exterior; Bronze or Cocoa exterior over Creme White interior.

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 7/8" thick sealed insulating glass consisting of two pieces of SSB clear float glass (double glazed). Optional glazing shall be nominal 7/8" thick sealed insulating glass consisting of one piece of SSB clear float glass and one piece of SSB low "E" glass. Argon Gas fill is standard with low "E" glass. All insulating glass units come standard with Quanex Duralite® warm edge IG spacer.

SCREENS:

All Slider (XX) windows shall be furnished with one (1) half height 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. Each screen insert shall have two (2), color matched injection molded nylon spring loaded locks, on each side of the lower horizontal hand rail. 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. Top and bottom horizontal rails shall have single row high density pile weather stripping bug stop. Optional full height insect screen with same features described above are also 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.