



Product Specifications

1620 VINYL SINGLE-HUNG WINDOW

Mainframe - Shall be made from rigid polyvinylchloride (PVC) multi-hollow extrusions, which have a minimum wall thickness of .070". Main frame shall be welded together at the corners. Overall frame depth is 3-1/4". Frame options offered are Fin, Finless, and 1/2" Front Flange.

Moveable Sash - Shall be made from rigid polyvinylchloride (PVC) extrusions, which have a minimum wall thickness of .062". Sash to be of welded corner construction. Sash to have aluminum reinforcement in Lock Rail and Stiles.

Fixed Meeting Rail - Shall be made from a rigid PVC hollow extrusion with a .062" wall thickness. Meeting rail shall be secured to the main frame with two screw fasteners through the Jambs, attached to the meeting rail with two screws. Bottom of main frame to have weather-stripping to seal against the moveable sash. Meeting rail to have aluminum reinforcement.

Glazing - Top, or fixed, glass panel shall consist of 3/4" thick insulated glass standard and 7/8" thick IG for Impact units. Fixed (top) glass to be held securely in place with silicone glazing at the interior and rigid, extruded, vinyl, exterior glazing bead, which has a minimum wall thickness of .060". Low-E glass, argon gas and other glazing options available.

Moveable sash glass panel shall consist of 3/4" thick insulated glass standard and 7/8" insulating glass for Impact units. Glass to be held securely in place with silicone glazing at the interior and rigid, extruded, vinyl, exterior glazing bead.

Weather-stripping - Movable sash shall have double strips of center fin weatherstripping on each stile and on the top rail. Bottom of moveable sash to contain two foam-filled bulbs.

Hardware - Moveable sash balance mechanism to consist of constant force balance system. Two metal cam-type sweep locks to be located equidistant from each end of the top sash rail. Two adjustable sweep lock keepers to be fastened to the fixed meeting rail. One injection molded tilt latch shall be used at each end of the sash top rail. For Impact units a surface mount metal tilt latch with jamb locking hardware is utilized. All screws, clips, and other fasteners shall be made of non-corrosive materials compatible with aluminum.

Screen - Half screen only. Screen to be made from roll-formed steel, 5/16" x 3/4" with a .020" wall thickness. Screen cloth to be made from 18x16 fiberglass mesh and held securely by flexible, vinyl spline. Screens shall meet ANSI/SMA standard 1004-87. (**NOTE:** Insect screens are intended only to provide reasonable insect control. They are not intended to prevent people or objects from exiting the window or to provide security against forced entry.)

Installation - To be done by others. Frame must be installed straight, plumb and level, without twisting, bowing or springing. Manufacturer's recommended installation procedures are to be used. Installer should make final adjustments to ensure proper sash operation and window performance.

NOTE: MI WINDOWS AND DOORS LLC designs and manufacturing methods are continually being improved. Individual products may be subject to a variation in performance. Due to this and other factors, we reserve the right to change specifications without notice. It is the sole responsibility of the purchaser/installer to be sure that the intended use of this product complies with any and all applicable buildings codes (i.e. egress, safety glass near doorways, etc.). If you require further technical information regarding this product please contact your retailer/salesman.

