



# Product Specifications

## 1650 VINYL DOUBLE-HUNG WINDOW

**Mainframe** - Head, jamb, and sill shall be made from rigid, multi-hollow, polyvinylchloride (PVC) extrusions, which are .070" thick. Main frame to be of welded corner construction. Overall frame depth is 3-1/4". Integral mounting fin and J-channel standard and integral fin without J-channel frame is optional.

**Sash** - Shall be made from rigid PVC extrusions, which have a minimum wall thickness of .062". Sash to be of welded corner construction. The bottom sash to have a metal reinforcement in the top rail. The top sash to have a metal reinforcement in the bottom rail.

**Glazing** - Sash to be drop-in silicone glazed using 3/4" thick insulating glass with rigid, extruded, vinyl, exterior glazing bead. Low-E glass, argon gas and other glazing options available. Moveable sash glass panel shall consist of 3/4" thick insulated glass. Glass to be held securely in place with silicone and with rigid, extruded, vinyl, interior glazing beads. Note: 7/8" thick insulated glass used on select configurations.

**Weather-stripping** - A fin-seal weather-strip to be located on both the main frame head and sill. Two strips of fin-seal weather-stripping to be located at each sash stile. The top rail of the top sash and each interlock rail are to receive fin-seal weather-stripping. The bottom rail of bottom sash is to receive two "bulb type" weather-strips. A poly-pile dust plug shall be located at the top of each interior sash stile.

**Hardware** - Sash balancing mechanisms to consist of stainless steel constant force springs. Two hybrid, recessed mount, cam-type sweep locks are to be located equidistant from each end of the interlocking rail. Two metal, recessed sweep lock keepers to be fastened to the exterior interlocking rail. One injection molded thermo-plastic tilt latch shall be used at the ends of the top rail of each sash. A vinyl sash stop shall be used at the bottom of each exterior jamb track and a rigid vinyl balance cover on the interior jamb track. All screws, clips and other fasteners to be made of non-corrosive materials compatible with reinforcements.

**Screen** - Latching half screen to be standard, full screen is optional. Screens to be made from extruded aluminum, 5/16" x 3/4", with a .040" thickness. Screen cloth shall be made from 18x16 fiberglass mesh and held secure by flexible, vinyl spline. Screens meet ANSI/AAMA standard. (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.

