



# Product Specifications

## 1615 SLIDING GLASS DOOR

**Mainframe** – 4-9/16” (5-7/16” overall) Head and jamb frame members shall be made of rigid, extruded, polyvinylchloride (PVC) multi-chambered hollow configuration with a nominal wall thickness of .075”. Sill frame member shall be made of rigid, extruded PVC multi-chambered hollow configuration with a nominal wall thickness of .100. Frame to be mechanically joined with 5 screws in each corner. An extruded anodized aluminum snap-in track shall be inserted in the main frame sill to support the moving panel. An extruded anodized aluminum screen track is attached to the sill. Weep system at the sill to provide drainage of water. Optional snap fit PVC mounting fin.

**Panels** – Two, three and 4 panel configurations available. 1-1/2” thick panels. Panels shall be of rigid, extruded, PVC with a nominal wall thickness of .075”. Panels shall be joined in each corner by welding. Check rail stiles shall contain a galvanized roll-formed steel reinforcement of .080” nominal wall thickness. Lock stile shall contain a roll-formed steel reinforcement of .050 nominal wall thickness. Extruded PVC interlocks attached to check rail stiles. Extruded aluminum interlock rails are required for impact and high design pressure doors.

**Color options** – White, Almond, Interior wood grain laminates and Exterior painted.

**Glazing** - Both moving panel and fixed panel glazing shall be 7/8” sealed, insulated glass consisting of two pieces of tempered glass separated by a 5/8” airspace. Insulated glass to be constructed using a warm-edge spacer system. Insulated glass shall be drop-in glazed using silicone back-bedding. An extruded, vinyl, exterior glazing bead shall be used to retain the insulated glass. Impact, low-E glass, argon gas, blinds and other glazing options available. Note: 1” thick insulated glass used on select configurations.

**Weather-stripping** – Mainframe jamb tracks shall be weather-stripped with two rows of fin type pile and one flexible co-extruded bulb. Moving and fixed panel top and bottom rails shall be weather-stripped with two rows of fin type pile weather-stripping. Interlocking rails shall be weather-stripped with one row of fin type pile.

**Hardware** - Adjustable tandem roller assemblies shall be zinc plated steel housing, ball bearing type and composite wheel construction. Single point latch to be mortise-type with outside pull standard, two-point stainless steel is optional. Fixed panel to be secured with 2 screws at the head and sill. Anti-lift blocks are used above the operating panel to make it difficult to raise the panel when in closed position. All fasteners shall be zinc coated steel. Optional key lock, panel limiter and security bars available.

**Screen** - Rolling screens shall be fabricated from extruded aluminum sections, with all butt type corners. Optional roll-formed steel frame screen available. Screen cloth shall be of fiberglass mesh. Screens shall roll on fully adjustable wheels, located in both top and bottom rails, thus making the screen fully reversible. Screen panels shall be equipped with latch assembly, vinyl insect seal. (**NOTE:** Insect screens are intended to provide reasonable insect control and are not for the purpose to provide security or provide for the retention of objects or persons from the interior or exterior.)

**Installation** - (Done by others) Door to be installed plumb, straight and level without springing or twisting. Securely fasten in place in accordance with manufacturer’s recommendations or details. Caulking compounds must be applied before installation between frames and adjacent construction to provide weather-tight installation to maintain the integrity of the product’s energy saving features. Final adjustment, if necessary, shall be made to ensure proper operation of the moving panels.

**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.

