



MI WINDOWS AND DOORS

650 WEST MARKET STREET • GRATZ, PA • 17030-0370

SPECIFICATIONS

SERIES 185 ALUMINUM SINGLE HUNG WINDOW

- - - FLANGE FRAME - - -

MAIN FRAME – Jambs shall be made of hollow extruded aluminum alloy 6063-T5, with a nominal wall thickness of .050". The head nominal wall thickness shall be .050". The sill nominal wall thickness shall be .055". Depth of the frame shall be 2-3/16". Frame to be assembled with two screw fasteners per corner.

OPERABLE SASH - All lower sash parts shall be made of extruded aluminum alloy 6063-T5. The rails shall be of hollow configuration. Top rail shall have a .062" nominal wall thickness. Bottom rail shall have a .045" nominal wall thickness. Stiles shall have a .050" nominal wall thickness. Two screw fasteners shall be used per corner to assemble sash. Operable sash to have a continuous interlock with fixed. Sash shall be a removable side-load design.

FIXED MEETING RAIL – Fixed meeting rail to be made of extruded aluminum alloy 6063-T5, hollow configuration, with a .055" wall thickness. A total of four screws to be used to secure meeting rail in the main frame, two through each jamb.

GLAZING – Fixed lite and operable sash to be available with either single or with 5/8" insulated glass. Glass shall be held secure with back bedding and an exterior, rigid, polyvinylchloride, extruded glazing bead.

WEATHERSTRIPPING - Single strips of center fin polypile to be installed at sash and main frame contact points.

HARDWARE - Operable sash balance mechanism to consist of block and tackle balances. A die-cast sweep lock made of zinc shall be affixed at top rail of operable sash to engage the meeting rail. All screws, clips and other fasteners or hardware parts to be made of non-corrosive materials compatible with aluminum.

SCREEN - Half screen to be made from roll-formed aluminum alloy 3105 or 3003 with an H-14 temper and a .020" wall thickness. Screen cloth to be made from 18x16 fiberglass mesh and held securely into frame with a flexible extruded polyvinylchloride spline. Screens shall meet ANSI/SMA Standard 1004/87. (NOTE: Insect screens are intended to provide reasonable insect control and are not intended to provide security or to provide for the retention of objects or persons from the interior.)

FINISH - Shall be electrostatically applied baked thermosetting polyester paint.

INSTALLATION - To be done by others. Frame must be installed straight, plumb and level, without twisting, bowing or springing it. 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' designs and manufacturing methods are continually being improved. 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.