



MI WINDOWS AND DOORS

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

SPECIFICATIONS

SERIES 420/430/440 PATIO DOOR

FRAMES - Frame members come in standard finless frame. Slide-in fin or flange frame are optional. Jambs shall be machined to interlock with sill and head members and shall be field assembled at each corner with screws. Sill member shall be sloped from the interior for effective drainage and shall have no deep ridges to accumulate water, dirt or mud.

PRIME PANELS - All panel members shall be joined at each corner with one steel screw. Panels are designed with reversible stiles, so that conversion to opposite slide can be easily accomplished at time of installation. Position of panels shall be determined and fixed at the time of installation. Moving panels shall roll on adjustable, ball bearing rollers. Panel stiles and rails shall be weatherstripped with pile.

GLAZING - Moving and fixed panels to be factory assembled. Glazed panels seated in wraparound, flexible glazing channel. Panels are available with either single or insulated 5/8" tempered glass.

MATERIALS - All structured members shall be made from 6063-T5 extruded aluminum alloy using standard commercial tolerances with minimum wall thickness of .050".

FINISH - Electrostatically applied baked thermo-setting polyester which meets or exceeds AAMA 603.7. Frame and sash members are to have a finish that is reasonably smooth and uniform in appearance.

HARDWARE - Rolling panel shall be provided with die-cast inside and outside flush handle set. A surface mount mortise handle set with inside wood handle is optional. Screen panel is provided with an inside-outside finger grip type handle using a positive locking device.

SCREEN - Screen cloth shall be of fiberglass mesh. Screens shall roll on fully adjustable steel wheels. (**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.)

INSTALLATION - (Done by others) Frames should be assembled, sealed and installed plumb, straight and level without springing or twisting and securely fastened in place . . . all in accordance with manufacturers' recommendations or details. Mastic or caulking compounds must be applied before installation between all frame types and adjacent construction to provide weather-tight installation. Final adjustment, if necessary, shall be made to ensure proper operation of the moving panels.

CAUTION - Use of insulated glass or dual glazing in non-thermal windows/doors will not insure that condensation will not be a problem. It is recommended that in areas where condensation has been a problem with aluminum windows/doors, thermally improved products should be used.

NOTE: MI DOORS AND WINDOWS', 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.

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