

SPECIFICATIONS

MGM Series 4710 Casement Window

1.1 GENERAL

1.1.1. Scope. All the vinyl windows of types and sizes shown in the plans and/or called for in this specification shall be as manufactured by MGM INDUSTRIES Hendersonville, Tennessee.

1.1.2. Classification. Shall conform to ASTM-4099-89 specifications for C-C50 (36"x 72")

1.2 MATERIALS

1.2.1. Profiles. Main frame and sash components shall be constructed of extruded, high-impact-resistant and UV-stabilized, rigid polyvinyl chloride (PVC). Main Frame members shall be of multi-chambered design.

1.2.2. Thickness. Typical wall for extruded frame and sash members shall be .062" or as indicated on the individual extrusion die drawings.

1.2.3. Fasteners. All screws and fastening devices shall be coated with Zinc or Cadmium in conformance with ASTM B 633-85 (1994) and /or ASTM B 766-86 (1993).

1.2.4. Glass and Glazing. Glass is exterior wet glazed into the sash frame. Vent is crank type, mitered, processed and fusion-welded.

Glass shall be overall 3/4 inch thick sealed insulating unit, using warm edge spacer technology.

1.2.5. Weather-stripping. All window gaps between main frame and sash members shall be weather-stripped to prevent air infiltration. Weather-strip shall be a poly pile type with an integral polyethylene fin and shall conform to AAMA 701-92 and 702-92.

1.2.6. Finish. All window members shall have an integral white or beige color throughout the profile.

1.2.7. Hardware. All hardware components that come in contact with PVC shall be non-corrosive material.

1.3 SCREEN

1.3.1. Screen. All screens shall be a half window type sufficient to cover the opening provided by the vent sash. Screen frames are 5/16 x 3/4 inch roll formed aluminum. Screen fabric shall be 18 x 16 fiberglass mesh. Screens shall conform to ANSI/AAMA 1004-1987.

1.4 CONSTRUCTION

1.4.1 Assembly. Main frame shall be miter-cut and fusion-welded. Main frame shall have a 1" pre-punched nail fin.