

MS-400 ENTRANCES

MEDIUM STILE GLASS DOORS

The MS-400 stile and rail entrance is very popular with those that want a very durable entrance that is economical. This lower priced entrance still allows a wide range of hardware selections, since the stiles are over 4" wide. This door type is typically used in medium to heavy traffic areas, such as; schools, universities, malls, highway rest and welcome centers, secure government office buildings, etc.

The MS-400 series door exceeds the specifications and structural integrity of typical medium stile and rail glass door entrances. These medium stile doors have been known to provide the same quality and longevity of other manufacturer's "monumental" doors. Furthermore, these doors are constructed with the same tie-rod spline configuration that is used in our heavy duty WS-500 door series.

The MS-400 Entryway comes with Cross Aluminum's standard ten (10) year warranty on materials and workmanship.



MS-400 FEATURES



MaintenanceFree- All entrances come with our standard 10 year warranty.



RetroFit- Entrances can replace any existing opening and improve efficiency.



InterLock- All entrances will be mortise and tenon construction.



CustomIntegration- Configurations to match architectural decor of building.



SecureGlaze- Extruded non-removable exterior glazing stops.



MissileImpact- Missile Impact tested in accordance with ASTM E 1886.

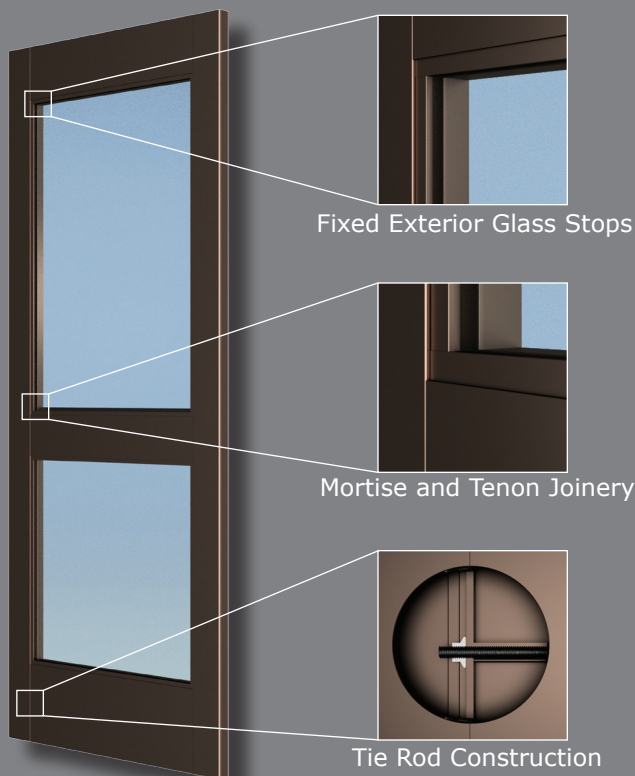


EcoFriendly- Secondary billet, acid-etch anodizing, and zero VOC emissions painting.

MS-400 SERIES

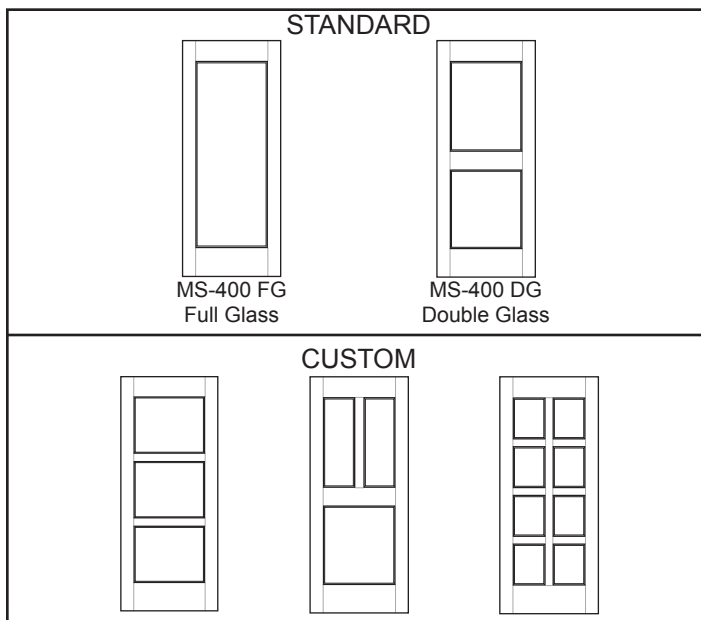
MEDIUM STILE AND RAIL DOORS

UNIQUE ATTRIBUTES



OPTIONS

The MS-400 entrances are constructed in a way that allows many visually-appealing options. Custom sizes and configurations of vision lites are available upon request. A few examples are shown below.



General Composition

- Medium Stile Glass Doors are 1-3/4" thick.
- Stiles are 4" wide, with a smooth surface.
- Stile Face Thickness is 1/8" thick.
- Base Rails are 10".
- Mid Rails are 6 or 7".
- Top Rails are 7" and have a 3/16" wall thickness on both faces in order to avoid through bolting closers.
- Top rail extrusions accept all necessary reinforcements for overhead stops, closers, door position switches, etc.

Glazing and Glass

- Glass stops will always match finish on door unless specified otherwise.
- Exterior glazing is part of the stile and rail extrusions increasing entrance security.
- All interior glass stops are screw applied and only removeable from the interior. Interior glass stops have 1/8" thick walls.
- Snap-in glass stops not acceptable.
- Glass infill 1/4" through 1-5/16".

Versatility

- The MS 400 Doors have been fabricated to 5' wide and up to 12' tall.
- Horizontal rails are not limited to the above sizes. Optional sizes available are 2", 4", 8", 12", or more.
- Horizontal rail locations can be adjusted to any location necessary to meet individual taste and specs.

Finishes

- Available in standard Class I and Class II anodized finishes.
- Kynar painted fluoropolymer finishes with 10 year warranties. AAMA 2605
- Color charts and warranties on finishes are available on request.

Tests:

ASTM E 283 Air Infiltration
ASTM E 330 Uniform Load Structural
ASTM E 331 Water Penetration
ASTM E 1886 Missile Impact Cyclic Pressure
ASTM E 1996 Missile Impact



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