

WS-500 ENTRANCES

WIDE STILE MONUMENTAL DOORS

The WS-500 stile and rail entrance is the most popular glass door design that Cross Aluminum manufactures. This door design addresses customers' needs to have a heavy-duty, long term maintenance free entrance, and yet enjoy a wide variety of design choices. Cross Aluminum strives to design and manufacture this aesthetically pleasing entrance and still maintain a high degree of structural integrity and security. This entrance is typically used in high traffic and abused areas, such as; schools, universities, malls, highway rest and welcome centers, secure government office buildings, etc. The WS-500 series door exceeds the specifications and structural integrity of typical monumental stile and rail glass door entrances. These entrances will accept virtually all commercial hardware and are very cost competitive. These entrances come with Cross Aluminum's standard ten (10) year warranty on materials and workmanship.



WS-500 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.

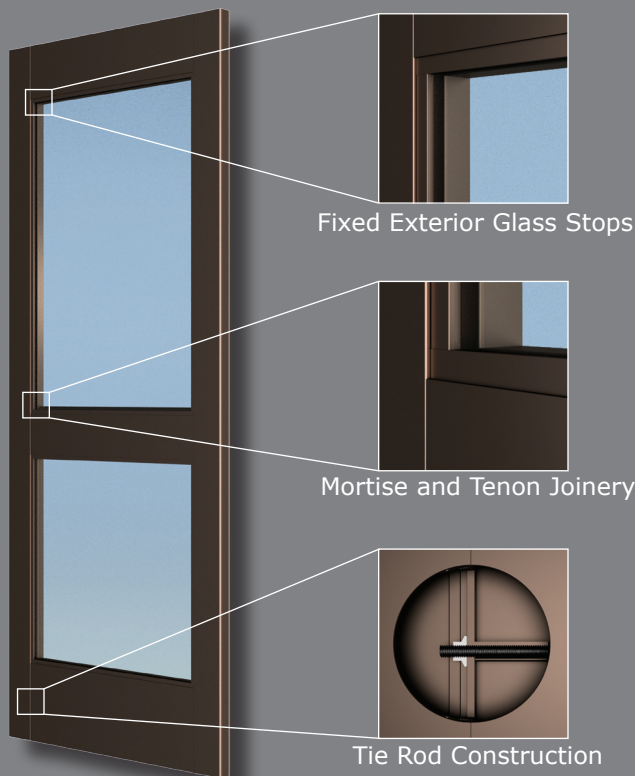


EcoFriendly- Secondary billet, acid-etch anodizing, and zero VOC emissions painting.

WS-500 SERIES

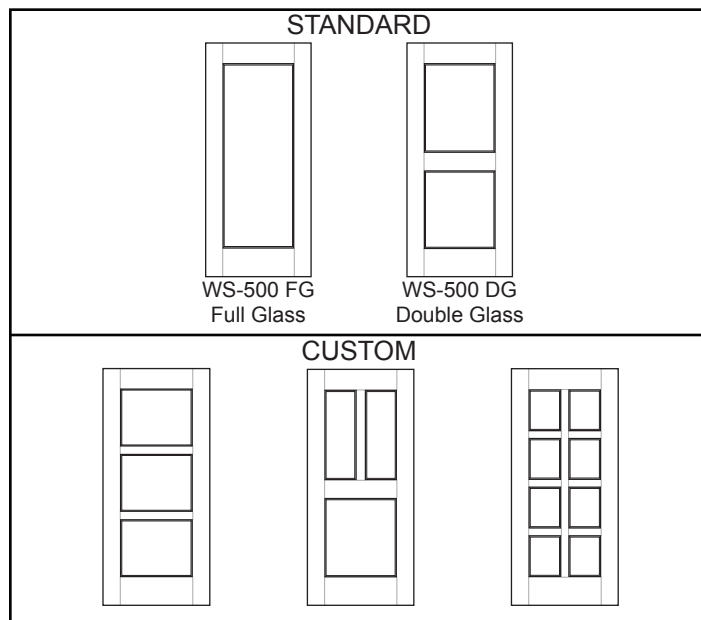
WIDE STILE AND RAIL DOORS

ATTRIBUTES



WS-500 OPTIONS

The WS-500 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

- Wide stile glass doors are 1-3/4" thick.
- Stiles are 5" wide, with a smooth surface.
- Stile face thickness is 3/16" thick.
- Horizontal rails are available from 6" to 20".
- Standard top rails are 7" and have a 3/16" wall thickness on interior face 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 a part of the stile and rail extrusions increasing entrance security.
- All interior glass stops are snap-in or interlocking screw-applied and only removable from the interior.
- Glass infill 1/4" through 1-5/16".

Versatility

- The WS 500 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 preference, building design, and specs.
- Historical Glass Stops can be incorporated to match building decor.

Finishes

- Available in standard Class I and Class II anodized finishes.
- Kynar painted fluoropolymer finishes with 10 year warranties. AAMA 2605
- Decoral® wood grain options available.
- 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



1770 Mayflower Road
Niles, MI. 49120
P: 800-806-DOOR
F: 269-697-8340
email: info@crossaluminum.com

VISIT US AT WWW.CROSSALUMINUM.COM