

TH350 FEMA COMPLIANT DOOR SYSTEM



Offering innovative solutions for bullet, blast, impact and wind resistance.

FEMA Door System anchorage will be determined by structural engineering.

FEMA COMPLIANCE

This Door/Frame system is compliant with FEMA 361-2008 / IC-500 2008 Tornadic and Hurricane Impact, winds and cyclic loading. Testing was conducted by a recognized independent testing laboratory for compliance.

- Door and frame components are constructed with extruded aluminum in 6061-T6 alloy or equal with a minimum tensile strength
- Corner joinery consists of extruded and keyed aluminum spline with a continuous $\frac{3}{8}$ " diameter steel tie rod at the door's top and bottom rails
- All joints and connections are tight, providing hairline joints and true alignment of adjacent members
- All internal framing fasteners will be type 18-8 stainless steel
- Exterior glazing gaskets: Solid 70 durometer Shore A EPDM wedge gasket, non-staining with trim lip and factory molded corners. Meets ASTM C864-05 EPDM specifications.
- Interior glazing gaskets: Preset sponge gasket, closed cell, nonstaining EPDM with trim lip and factory molded corners. Meets ASTM C509-06 EPDM specifications. EPDM (65-75 shore "A" Durometer) with molded corners.
- All EPDM shall be in strict compliance with ASTM C-509-06 Type II option 1 and C-864-06.

APPLICATIONS

- Government facilities
- Law enforcement facilities
- Storm shelter
- Community safe room
- Other "at-risk" facilities

Each end user should determine their ballistic threat and identify the appropriate product(s) to resist that threat.

COMPONENT SIZES

- Top rail: 7" X 2 $\frac{3}{8}$ "
- Bottom rail: 8 $\frac{1}{2}$ " x 2 $\frac{3}{8}$ "
- Glazing stops: 1" face
- Medium stile: 5" x 2 $\frac{3}{8}$ "
- Door Frame: 2 $\frac{1}{2}$ ' x 6"

This system was tested as an assembled product.

MAXIMUM DOOR OPENING

- 7' x 8' pair of doors
- 3' 6" x 8' single door

HARDWARE

Required

- 2 point lock
- Continuous hinge
- Continuous astragal
- Door coordinator
- Carry open device

Optional

- Panic bar
- Latch lock
- Thumb turn

NOTE

Component ratings are available upon request.

FEATURES

- Panels are not removable from the threat side
- Glazing will be 1.286" NBR2 Insulgard Impact resistant
- Anodized or painted finishes
- Complete with Panic Bar
- Full vision
- Door and frame shipped ready for installation
- Stock or custom sizes available
- Sidelite options
- Can be used in combination with Insulgard TH600 framing systems
- No center mullion
- Available as a single or pair of doors
- Medium stile

PRODUCT DESCRIPTION

The Insulgard TH350 Door System is designed to help provide protection for areas that may be at risk. It is recommended that this door and frame system be used in conjunction with protected wall areas.

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