

44/450 BULLET RESISTANT FRAMING SYSTEM



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

FEATURES

- Rated for Threat Level 3 based on UL752 standards
- Accepts various glazing materials from 3/4" through 1 3/8"
- Anodized or painted finishes available
- Completely fabricated and shipped for easy field assembly
- Inventoried components for reduced lead time
- Designed for conventional installation and glazing methods
- Adaptable for new construction or retrofit applications

PRODUCT DESCRIPTION

This framing system is designed to help provide protection to areas where a threat from ballistic attack exists including retail and government buildings.

CERTIFICATION

The 44/450 Bullet Resistant Framing System is certified in accordance with UL 752 ballistic standards Levels 1-3.

CONSTRUCTION

- Framing will be totally factory fabricated (field fabrication is not acceptable).
- Tight joints and connections provide hairline joints and true alignment of adjacent members.
- This system incorporates a weep design allowing any water penetration or internal condensation to flow through the system and exit the exterior at the horizontal members.
- All components to be constructed from extruded aluminum in 6061-T6 alloy/temper, or equal.
- Anchorage will be concealed with No. 12 stainless steel fasteners with self sealing neoprene bonded stainless steel washers.
- Fastener requirements listed are applicable to screws, bolts, washers, nuts, rivets and pins used in the assembly of aluminum frame components shall be stainless steel type 302 or 304.
- Exterior glazing gaskets will be solid neoprene (65-75 Shore "A" Durometer). Interior glazing gaskets will be closed cellular neoprene (40-50 shore "A" durometer). Neoprene will be in compliance with ASTM C-509-89 Type II option 1 and C-864-89.

APPLICATIONS

- Gas stations
- Convenience stores
- Pharmacies
- Law enforcement facilities
- Public and private locations

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

STANDARD SIZES

- 4 1/2" Framing system.
- Head, jamb, sill, mullion, and intermediate: 2 1/2" x 4 1/2"
- 90° Outside corner: 4 1/2" x 4 1/2"
- 135° Outside corner: 2 1/8" x 2 1/8"

NOTE

Component ratings are available upon request.

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