

# 44/600 BULLET AND BLAST RESISTANT FRAMING SYSTEM



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

## FEATURES

- Ballistic and blast resistant certified
- Accepts various glazing materials from 3/4" through 1 3/8"
- Anodized or painted finishes
- Fabricated and shipped for easy field assembly
- Inventoried components for reduced lead time
- Designed for conventional installation and glazing methods
- Adaptable to new or retrofit construction

## PRODUCT DESCRIPTION

This framing system is designed to help provide bullet and blast protection for areas that may be subject to threats including government and private buildings.

## CONSTRUCTION

- Components will be constructed from extruded aluminum in 6061-T6 alloy / temper, or equal with a minimum tensile strength.
- Interior glazing gaskets will be closed cellular neoprene (40-50 shore "A" durometer). Exterior glazing gaskets will be solid neoprene (65-75 shore "A" durometer). All neoprene is in compliance with ASTM C-509-89 type II option I and A-864-89.
- Tight joints and connections provide hairline joints and true alignment of adjacent members.
- Anchorage to the structure provides 3-way adjustments to compensate for normal building tolerances.
- Internal framing fasteners will be type 18-8 stainless steel. Framing to building structure will be grade 5, cadmium or nickel plated.
- The aluminum framing system will have a 2 1/2" x 6" profile.
- Aluminum exposed to view will either receive an anodized finish or a 70% Kynar baked on coating, as selected by the architect.
- Glazing of transparencies and opaque panels performed using a dry glazing method with neoprene glazing gaskets.
- 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.

## APPLICATIONS

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

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

## BALLISTIC AND BLAST CERTIFICATION

- Certified in accordance with UL572 Ballistic Standards.
- Small Arms Ballistic Options:
  - Level 1: 9mm Medium power
  - Level 2: .357 Magnum high power
  - Level 3: .44 Magnum super power
- Blast certified in accordance with the General Service Administration (GSA) and the Interagency Security Committee's (ISC) Security Criteria based on a physical blast test. Blast loading will be determined by structural calculations.
  - Level C
  - Level D
  - UFC 4-010-01 DoD Minimum Antiterrorism Standards for Buildings - Low Level Resistance

## NOTE

Component ratings are available upon request.

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