

# 44/300 BULLET, BLAST, AND DADE COUNTY APPROVED FRAMING SYSTEM



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

## FEATURES

- Miami-Dade County, Florida NOA No. 09-0610.07 – Expiration Date 12/30/2014
- Rated for Threat Level 1-3 based on UL752 standards
- Blast resistant certified through calculations
- Accepts glazing up to 1"
- Anodized or painted finishes
- Fabricated and shipped assembled for easy installation (size restrictions)
- Inventoried components for reduced lead time

## PRODUCT DESCRIPTION

This framing system is designed to provide protection to areas where a threat from ballistic and/or blast and impact and wind exists. It is recommended that this framing system be used in conjunction with equivalent performance substrate/wall areas.

## CERTIFICATION

- The framing system is ballistic certified to help provide protection against the penetration of a projectile, based on the UL752 bullet resistant Level 3 test requirements. Ballistic tests were conducted by a recognized independent testing laboratory for certification. Proof of certification will be made available upon request.
- Blast certified through calculations in accordance with the General Service Administration (GSA), and the Interagency Security Committee's (ISC) Security Criteria. Low level blast. Blast resistant certified through structural calculations to meet GSA Level C, D and UFC 4-010-01 DoD Minimum Antiterrorism Standards for Buildings - Low Level Resistance.
- All blast systems are not field tested, but calculated to meet specific requirements.

## IMPACT AND WIND TESTING

- Air infiltration test, per FBC, TAS 202-94
- Uniform static air pressure test, loading per FBC TAS 202-94
- Water resistance test, per FBC, TAS 202-94
- Large missile impact test per FBC, TAS 201-94
- Cyclic wind pressure loading per FBC, TAS 203-94
- Forced entry test, per FBC 2411 3.2.1, TAS 202-94

## CONSTRUCTION

- Components will be constructed from extruded aluminum in 6061-T6 alloy/ temper, or equal.
- Tight joints and connections provide hairline joints and true alignment of adjacent members.
- Glazing or retrofit reglazing will be performed from the exterior, providing minimal disturbance to occupants. The perimeter opening is caulked to complete installation.
- Anchorage will be fully concealed.
- Internal framing fasteners will be type 18-8 stainless steel. Framing to building structure will be grade 5, cadmium or nickel plated.
- The interior glazing gaskets will be closed cell neoprene (40-50 shore "A" durometer). Neoprene will be in compliance with ASTM C-509-89 Type II option 1 and C-864.

## APPLICATIONS

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

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

## STANDARD SIZES

- 3" framing system
- Head, jamb and sill members 2" x 3"
- Vertical mullion 4 1/4" x 3"

## NOTE

Component ratings are available upon request.

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