

TH600 IMPACT, WIND, BULLET, AND BLAST RESISTANT FRAMING SYSTEM



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

FEATURES

- Accepts 1 1/4" to 2 1/16" thick glazing
- Anodized or painted finishes
- Completely fabricated and shipped fully assembled for easy installation (size restrictions may apply)
- Inventoried components for reduced lead time
- Designed for conventional installation and glazing methods
- Ballistic and Blast (through structural calculations) certified
- UL752 Level 4, 5, and 8 Ballistics rated

PRODUCT DESCRIPTION

This framing system is designed to provide protection for areas where a threat from impact, wind, bullet, and blast. It is recommended that this 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 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.
- This framing system is certified FEMA 361-2008 and ICC-500 2008 tornadic and hurricane impact and winds. Testing was conducted by a recognized independent testing laboratory for certification. Proof of certification will be made available upon request.

STANDARD SIZES

- 6" framing system
- Head, jamb, sill, mullion and intermediate horizontal members 2 1/2" x 6"

NOTE

Component ratings are available upon request.

CONSTRUCTION

- All components are constructed from extruded aluminum in 6061-T6 alloy/ temper or equivalent.
- All fasteners including: screws, bolts, washers, nuts, rivets and pins, will be stainless steel type 302 or 304.
- All anchorage will be fully concealed.
- 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, non-staining EPDM with trim lip and factory molded corners. Meets ASTM C509-06 EPDM specifications.
- All EPDM materials will be in strict compliance with ASTM C-509-06 Type II option 1 and C-864-06.
- All joints and connections will be tight, providing hairline joints and true alignment of adjacent members.
- The 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

- Government facilities
- Law enforcement facilities
- Corporate facilities
- Public and private facilities
- Storm shelters
- Safe rooms

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

Unless otherwise agreed to in a document signed by both parties, any sale of products by Insulgard™ Security Products ("Insulgard") is made exclusively under Insulgard's Standard Terms and Conditions of Sale, which are available at www.insulgard.com. Insulgard makes no warranty, express or implied, with respect to customer's application outside of the Insulgard Limited Warranty. Nothing in this or any other document, nor any oral recommendation or advice, shall be deemed to alter, vary, supersede, or waive any provision of Insulgard's Standard Terms Conditions of Sale, the Insulgard Limited Warranty, or this disclaimer, unless any such modification is specifically agreed to in a writing signed by Insulgard. No statement contained herein concerning a possible or suggested use of any material, product, service or design is intended, or should be construed, to grant any license under any patent or other intellectual property right of SABIC Innovative Plastics US LLC or any of its subsidiaries or affiliates covering such use or design, or as a recommendation for the use of such material, product, service or design in the infringement of any patent or other intellectual property right.

Insulgard™ is a trademark of SABIC Innovative Plastics IP B.V.

Insulgard™
SECURITY PRODUCTS

www.insulgard.com

Phone: (800) 624-6315