

44/350 BULLET AND BLAST RESISTANT DOOR SYSTEM



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

FEATURES

- Ballistically rated for Threat Level 1 - Level 3 based on UL752 standards
- Blast resistant (option)
- Panels are not removable from the threat side (Blast only)
- Accepts various glazing materials from 3/4" through 1 3/8"
- Anodized or painted finishes
- Complete line of hardware options
- Optional automatic door operator
- Full vision or opaque glazing
- Door and frame shipped ready for installation
- Stock or custom sizes available
- Transom and sidelite options
- Can be used in combination with other ballistic framing systems

PRODUCT DESCRIPTION

The Insulgard Bullet and Blast Resistant Door System is both ballistic and blast 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.

BALLISTIC AND BLAST CERTIFICATION

The door system is certified in accordance with UL752 Ballistic Standards, Levels 1-3.

The Blast Door System is in accordance with the General Service Administration (GSA) and Interagency Security Committee's (ISC) Security Criteria.

UFC 4-010-01 DoD Minimum Antiterrorism Standards for Buildings - Low Level Resistance

CONSTRUCTION

- Door and frame components are constructed with extruded aluminum in 6061-T6 alloy or equal with a minimum tensile strength (minimum 38.0 ksi Ultimate, 35.0 ksi yield)
- Corner joinery consists of extruded and keyed aluminum spline with a continuous 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
- Interior glazing gaskets are closed cellular neoprene (40-50 Shore "A" Durometer)
- Exterior glazing gaskets are solid neoprene (65-75 shore "A" Durometer)

DOOR HANDLING CHART



- All neoprene is in strict compliance with ASTM-C 509-89 Type II, Option 1 and C-854-89

Standard Door Hardware

- Continuous hinge
- Push/pull
- Lock
- Overhead surface closer

Optional Door Hardware

- Electric strike release
- Exit devices
- Custom security hardware
- Automatic door operator

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

- 2 3/4" x 2 3/8" Narrow stile door system
- Top rail: 2 3/4" x 2 3/8", 4 1/2" x 2 3/8"
- Bottom rail: 8 1/2" x 2 3/8"
- Muntin: 1 5/8" x 2 3/8"
- Glazing stops: 1" face
- Wide stile: 5" x 2 3/8"

NOTE

All Blast Door Systems are not field tested, but calculated to meet specific load requirements using structural engineering.

Component ratings are available upon request.

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