

# 44/250 BULLET RESISTANT SASH SYSTEM



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

## FEATURES

- Rated for Threat Levels 1-3 based on UL752 standards
- Accepts various glazing materials from 3/4' through 1 3/8"
- Anodized or painted finishes
- Completely fabricated and shipped for field installation
- Can be used in new or retrofit construction
- Inventoried components for reduced lead time

## PRODUCT DESCRIPTION

The Insulgard Bullet Resistant Sash System features glazing materials designed to help provide protection to areas that may be subject to ballistic attack. Potential applications for this sash system include window openings and locations where substrate materials can support this type of sash such as tube steel frames, masonry or metal panel walls.

## CERTIFICATION

The 44/250 Bullet Resistant Sash System is certified in accordance with UL 752 ballistic standards Levels 1-3.

## CONSTRUCTION

- Aluminum extrusions are 6061-T6 alloy temper or equal with a minimum tensile strength (minimum 38.0 ksi ultimate, 35.0 ksi yield).
- Fasteners are No. 12 zinc coated with self sealing neoprene washers. There are no exposed fasteners.
- The exterior glazing gaskets are neoprene (65-75 Shore "A" Durometer).
- Setting blocks are solid neoprene (80-90 shore "A" Durometer).
- Tight joints and connections provide hairline joints and true alignment of adjacent members. It is essential that tight hairline joints be maintained to assure the ballistic integrity of the system.
- Glazing or retrofit reglazing will be performed from the exterior, providing minimal disturbance to occupants.
- Head and sill are one piece extrusions with an integral weep system at the sill.
- Jams are two piece extrusions with removable faces to allow for reglazing.
- Mullions are three piece extrusions with removable faces to allow for glazing and individual lite replacement.
- Interior glazing gaskets are closed cellular neoprene and exterior gaskets are solid neoprene.

## APPLICATIONS

Window openings

## STANDARD SIZES

- 2 1/2" Glazing channel system
- Head, sill and jams: 1 1/2" x 2 1/2"
- Mullion: 3" x 2 1/2"

## NOTE

Component ratings are available upon request.

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