# TOR-GARD® 40



## PRODUCT DESCRIPTION

- Tornado/Bullet Resistant Security Glazing
- Nominal Thickness: 1.610"
- Weight: 16 lbs per sq. ft.
- Visual Light Transmittance: 71%
- Calculated Shading Coefficient: .93
- Summer R Value: 1.61
- Available sizes Any size up to maximum 60"x 96"
- Dimensional Tolerance: +/-.250"

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

#### **PERFORMANCE**

- FEMA 361 (Tornado Resistance Standard)
- UL Listed Level 4
- 1 shot, 30-06
- UL Listed Product Listing No 560Y
- Testing performed by Underwriters Laboratories, Northbrook, IL.

## **GUIDE SPECIFICATION**

Security glass where shown shall be TOR-GARD® glass-clad polycarbonate as manufactured by Global Security Glazing Selma, AL 1-800-640-6541. TOR-GARD® Products are designed for applications where ballistic protection and tornado resistance are primary and optical characteristics are secondary. Protected side of window is a mar resistant polycarbonate with the Threat Side a glass surface.

Each unit shall have a nominal overall thickness of 1.610".

## **APPLICABLE STANDARDS**

- ASTM C1349-96
- ASTM C1036-95

TOR-GARD® is either a registered trademark or trademark of Global Security Glazing.

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 Inmitted 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 infelled 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.

