



BLASTSHIELD GSA-TS01-20003

DESCRIPTION

IN TECHNICAL COLLABORATION WITH KURARAY®

Specially configured to withstand bomb and grenade attacks, our BLASTSHIELD units are designed to hold firm in the unfortunate event of a blast. It is important to note that blast-resistant windows do not function in isolation – they only work as part of a system. The system involves the glass, the framing system, the anchoring system and even the structure of the building. If the framing or anchoring system is not blast-resistant, it may be unable to hold the glazing in the event of a blast, which may cause the glass panel to fail. As a part of our SECUREBUILD product line, we will provide you with a qualified blast engineer who will help you create the ideal design for your blast-resistant project.

PRODUCT FAMILY

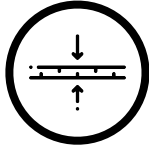
1. BLASTSHIELD GSA FIRST: Standard clear blast-resistant glass tested to GSA-TS01-2003 standard
2. BLASTSHIELD GSA CLARITY: Ultra-clear blast-resistant glass tested to GSA-TS01-2003 standard
3. BLASTSHIELD GSA TONE: Tinted blast-resistant glass tested to GSA-TS01-2003 standard
4. BLASTSHIELD GSA SOLAR: Solar-control blast-resistant glass tested to GSA-TS01-2003 standard
5. BLASTSHIELD GSA COMBI: Insulated or multi-laminated blast-resistant glass tested to GSA-TS01-2003 standard to satisfy additional requirements - thermal insulation, fire-safety, bullet-resistance and/or blast resistance
6. SECUREBUILD EN: Comprehensive framing systems for windows, doors and shutters for burglar resistant glass

GENERAL CHARACTERISTICS

PERFORMANCE CONDITION	PROTECTION LEVEL	HAZARD LEVEL	DESCRIPTION OF WINDOW GLAZING RESPONSE
1	Safe	None	Glazing does not break. No visible damage to glazing or frame.
2	Very High	None	Glazing cracks but it retained by the frame. Dusting or very small fragments near sill or on floor acceptable.
3A	High	Very Low	Glazing cracks and fragments enter space and land on floor no further than 3.3 ft from the window.
3B	High	Low	Glazing cracks and fragments enter space and land on floor no further than 10 ft from the window.
4	Medium	Medium	Glazing cracks and fragments enter space and land on floor and impact a vertical witness panel at a distance of no more than 10 ft from the window at a height no greater than 2 ft above the floor
4	Low	High	Glazing cracks and window system fails catastrophically. Fragments enter space, impacting a vertical witness panel at a distance of no more than 10 ft from the window at a height no greater than 2 ft above the floor

Additional Process Capability: Ceramic-frit, digitecture™ digital printing, sand-blasting, acid-etching

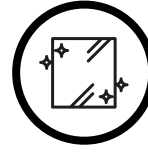
UNIQUE SELLING POINTS (THE TLC ADVANTAGE)



THINNEST
Up to 25% thinner



LIGHTEST
15-20% lighter



CLEAREST
Minimum 5% clearer

DIMENSIONS

FEATURE	DESCRIPTION
Minimum Size	250 mm X 350 mm
Maximum Size	Varies as per the standard and framing requirements

LABELLING

Each piece of BURGLARSHIELD GSA shall be permanently labeled with the FG logo and the relevant standard description. In cases where the glass is made under a specific listing, the same shall be incorporated in the label. Order-specific labeling is also possible, under certain terms and conditions.

STANDARDS

1. BURGLARSHIELD GSA glass is manufactured to conform to the norms laid out by GSA-TS01-2003 :2018 standard

STORAGE

BURGLARSHIELD GSA requires storage in a covered, dry area, unexposed to rain and dust. Each sheet or piece of BURGLARSHIELD GSA should be separated with the help of non-adhesive transferring cork/rubber pads. Prolonged storage without separation or with paper separation may result in permanent and irreversible damage to the glass surface.