



BURGLARSHIELD IS 16978

DESCRIPTION

IN TECHNICAL COLLABORATION WITH KURARAY®

BURGLARSHIELD is our range of impact-resistant panels that can withstand forced penetration attacks from hammers, saws, axes and rods! The panel has a strong interlayer that holds the assembly together for a sufficient amount of time, allowing you to take remedial or punitive action. Our panels are ranked very high in the industry, especially since they are relatively thinner, something we have achieved with the use of SentryGlas® advanced interlayers from Kuraray, Japan. BURGLARSHIELD panels can be fabricated with ultra-clear glasses or even coated glasses to create well-lit and airy spaces that are safe and look good too.

PRODUCT FAMILY

1. **BURGLARSHIELD IS FIRST:** Standard clear burglar-resistant glass tested to IS 16978 standard
2. **BURGLARSHIELD IS CLARITY:** Ultra-clear burglar-resistant glass tested to IS 16978 standard
3. **BURGLARSHIELD IS TONE:** Tinted burglar-resistant glass tested to IS 16978 standard
4. **BURGLARSHIELD IS SOLAR:** Solar-control burglar-resistant glass tested to IS 16978 standard
5. **BURGLARSHIELD IS COMBI:** Insulated or multi-laminated burglar-resistant glass tested to IS 16978 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

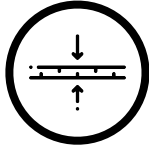
The entire range of BURGLARSHIELD IS is available in spall and non-spall versions.

GENERAL CHARACTERISTICS

THREAT LEVEL	IMPACT TYPE	THICKNESS
P1A	3 steel ball drops from 1500 mm	11 mm
P2A	3 steel ball drops from 3000 mm	11 mm
P3A	3 steel ball drops from 6000 mm	13 mm
P4A	3 steel ball drops from 9000 mm	13 mm
P5A	9 steel ball drops from 9000 mm	15 mm
P1B	30 to 50 axe and hammer strikes	15 mm
P2B	50 to 70 axe and hammer strikes	16 mm
P3B	Over 70 axe and hammer strikes	17 mm

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

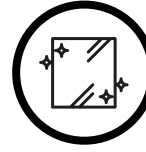
UNIQUE SELLING POINTS (THE TLC ADVANTAGE)



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 for S (Spall) Version	2500 mm X 5000 mm
Maximum Size for NS (Non-Spall) Version	1220 mm X 3500 mm

LABELLING

Each piece of BURGLARSHIELD IS 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

- BURGLARSHIELD IS glass is manufactured to conform to the norms laid out by IS 16978 :2018 standard

STORAGE

BURGLARSHIELD IS requires storage in a covered, dry area, unexposed to rain and dust. Each sheet or piece of BURGLARSHIELD IS 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.