

VETROGARD® BLAST ER-1S

Blast resistant security glass for interior application

CLASSIFICATION



Blast

Blast resistant security glass designed to protect people against the effect of explosions like blast waves and flying fragments. A distinction is made between splintering (S) and non-splintering glass (NS)

AVAILABLE OPTIONS



+ Alarm



+ Coloring
+ Digital printing
+ Screen Printing
+ Shapes



+ Climate control
+ Dynamic privacy
+ Extra clear
+ Noise control



+ Double glazing
+ Solar control
+ Tinting

Contact us to personalize your solution to meet your project requirements.

TECHNICAL SPECIFICATIONS*

Resistance Class

Impact resistance	1(B)1 (EN 12600)
Application conditions	See Quality Guideline, Application Instructions.
Certificate of constancy of performance ID-No.	0336-CPR-89205280-C - AVCP System 1
Hazardous material contained	None
Dimensional tolerances (height/width)	≤1000mm: -1/+2mm ≤2000mm: -1/+2mm >2000mm: -1/+3mm

ER1-S, splinters (EN 13541)

Product

Nominal thickness	10mm
Basic glass	Planilux India
Maximum glass size	Based on Certification; Please get in touch with Vetrotech representative for more information
Thickness tolerance	+1 / -1 mm
Weight	22 kg/m ²
Sound reduction Rw (EN 140-3)	NPD [#]
Light transmission (EN 410)	88%
Light reflection pL ext./int. (EN 410)	8% / 8%
U value (EN 673)	5.4 W/m ² K
g value (EN 410)	0.77
Energy transmission tE (EN 410)	72%

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*Valid for products manufactured at the 'World Glass Complex' of Saint-Gobain India Pvt. Ltd. - Vetrotech Business

Shapes: dimensional tolerances may vary +1mm

[#]NPD: No Performance Declared