

VETROGARD™ BULLET

Bullet resistant security glass for interior and exterior application

BR1-S

CLASSIFICATION



= Bullet Resistant

Bullet resistant glazing offering an effective resistance against specific weapons and ammunition types. A distinction is made between splintering and non-splintering glass.

PRODUCT FEATURES

Laminated safety glass



TECHNICAL SPECIFICATIONS

Reaction (EN 1063)

Maximum Glass Size (max. 13,0+ m²)

Thickness tolerance

Length/height tolerance

Impact resistance (EN 12600)

Application Conditions

CE certificate No. of conformity

ID-No.

Hazardous material contained

BR1-S (splinters)

≤ 2600 mm x 5000 mm***

±1 mm

±2 mm to 1000 mm, ±3 mm to 2000 mm, ±4 mm over 2000 mm

1 (B) 1 classification

For exterior applications the glazing must be configured as insulating glass unit with low emissivity or solar control properties to achieve an adequate u-value.

For more information and assistance, please contact your local Vetrotech agent and refer to the relevant "Quality Guideline, Application Conditions".

CPD/0497/4882/13 (you can obtain a DoP* from your national sales office) - AoC-Level 1

HN 113-S

None

Nominal thickness

Weight

Sound reduction Rw (EN 140-3)

Light transmission (EN 410)

Light reflection ρL (exterior/interior)

U value, W/m²K (EN 673)

g value

Energy transmission τE

Energy reflection ρE (exterior/interior)

13 mm (Planilux®)

32 kg/m²

NPD**

86%

8%/8%

5,5

0,72

66%

7%/7%

13 mm (Diamant® - extra clear)

32 kg/m²

NPD**

89%

8%/8%

5,5

0,80

75%

7%/7%

* Declaration of Performances

** NPD = No Performance Declared

*** Bigger sizes available on request