

VETROGARD™ PRO

Attack and bullet resistant security glass for interior and exterior application

BR1-S
P6B

CLASSIFICATION



= Bullet &
Attack Resistant

Security glass combinations offering an effective resistance against specific weapons and ammunitions, as well as against forced entry attempts. A distinction is made in terms of the bullet resistant characteristics between splintering and non-splintering glass.

PRODUCT FEATURES

Laminated safety glass



TECHNICAL SPECIFICATIONS

Reaction (EN 1063)

Reaction (EN 356 B)

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)

P6B

≤ 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

JH 610.21-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)

21 mm (Planilux®)

45 kg/m²

NPD**

82%

8%/8%

5,3

0,65

56%

6%/6%

21 mm (Diamant® - extra clear)

45 kg/m²

NPD**

86%

8%/8%

5,3

0,73

66%

7%/7%

* Declaration of Performances

** NPD = No Performance Declared

*** Bigger sizes available on request