

POLYGARD™ BULLET

Bullet resistant security glass for interior application

BR5-NS

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

Polycarbonate



TECHNICAL SPECIFICATIONS

Reaction (EN 1063)

Maximum Glass Size (max. 4,4 m²)

Thickness tolerance

Length/height tolerance

Impact resistance (EN 12600)

Application Conditions

CE certificate No. of conformity

ID-No.

Hazardous material contained

BR5-NS (no splinters)

≤ 1500 mm x 2900 mm***

±3 mm

±4 mm to 1000 mm, ±5 mm to 2000 mm, ±6 mm over 2000 mm

1 (B) 1 classification

Avoid excessive exposure to elevated temperatures. For exterior applications the glazing must be configured as insulating glass unit with low emissivity or solar control properties. Due to the conflicting material-specific properties of the glass and polycarbonate combination, an increased distortion can occur. The surface of the inward-positioned polycarbonate is much more sensitive than a glass surface. 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

HP 532-NS

None

Nominal thickness

Weight

Sound reduction R_w (EN 140-3)

Light transmission (EN 410)

Light reflection ρ_L (exterior/interior)U value, W/m^2K (EN 673)

g value

Energy transmission τ_E Energy reflection ρ_E (exterior/interior)

32 mm (Planilux®)

69 kg/m²

NPD**

79%

7%/7%

5,1

0,61

51%

6%/6%

32 mm (Diamant® - extra clear)

69 kg/m²

NPD**

85%

8%/8%

5,1

0,72

65%

7%/7%

* Declaration of Performances

** NPD = No Performance Declared

*** Bigger sizes available on request