

POLYGARD™ ATTACK

Attack resistant security glass for interior application

P8B

CLASSIFICATION



= Attack

Attack resistant glazing intended to hold back forced entry for a specific time.

PRODUCT FEATURES

Polycarbonate-glass-laminate



TECHNICAL SPECIFICATIONS

Reaction (EN 356 B)

Maximum Glass Size (max. 4,4 m²)

Thickness tolerance

Length/height tolerance

Impact resistance (EN 12600)

Application Conditions

ID-No.

Hazardous material contained

P8B

≤ 1500 mm x 2900 mm**

±2 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.

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

SP 817

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)

17 mm (Planilux®)

30 kg/m²

NPD*

81%

7%/7%

5,4

0,69

62%

6%/6%

17 mm (Diamant® - extra clear)

30 kg/m²

NPD*

83%

8%/8%

5,4

0,74

68%

7%/7%

* NPD = No Performance Declared

** Bigger sizes available on request

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PRODUCT FEATURES

Polycarbonate-glass-laminate



TECHNICAL SPECIFICATIONS

Reaction (EN 356 B)Maximum Glass Size (max. 4,4 m²)

Thickness tolerance

Length/height tolerance

Impact resistance (EN 12600)

Application Conditions

ID-No.

Hazardous material contained

P8B (with 8 mm Polycarbonate)

≤ 1500 mm x 2900 mm**

±2 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. For more information and assistance, please contact your local Vetrotech agent and refer to the relevant "Quality Guideline, Application Conditions".

SP 823

None

Nominal thickness

Weight

Sound reduction R_w (EN 140-3)

Light transmission (EN 410)

Light reflection ρ_L (exterior/interior)U value, W/m²K (EN 673)

g value

Energy transmission τ_EEnergy reflection ρ_E (exterior/interior)**23 mm (Planilux®)**42 kg/m²

NPD*

78%

7%/7%

5,2

0,65

56%

6%/6%

23 mm (Diamant® - extra clear)42 kg/m²

NPD*

81%

7%/7%

5,2

0,71

65%

7%/7%

* NPD = No Performance Declared

** Bigger sizes available on request