

# VETROGARD™ BLAST

Blast resistant security glass for interior and exterior application

ER4-NS

## CLASSIFICATION



= Blast Resistant

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

## PRODUCT FEATURES

Laminated safety glass



## TECHNICAL SPECIFICATIONS

### Reaction (EN 13541)

Maximum Glass Size (max. 12,0 m<sup>2</sup>)

Thickness tolerance

Length/height tolerance

Impact resistance (EN 12600)

Application Conditions

CE certificate No. of conformity

ID-No.

Hazardous material contained

### ER4-NS (no splinters)

≤ 2400 mm x 5000 mm\*\*\*

±2 mm

±3 mm to 1000 mm, ±4 mm to 2000 mm, ±5 mm over 2000 mm

1 (B) 1 classification

The certification of security glass should only be used as a general guideline of the glazing's suitability for the selected classification. In order to use security glass in buildings the entire security system must be certified according to its specific system standards. 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

BS 433-NS

None

### Nominal thickness

Weight

Sound reduction Rw (EN 140-3)

Light transmission (EN 410)

Light reflection ρL (exterior/interior)

U value, W/m<sup>2</sup>K (EN 673)

g value

Energy transmission τE

Energy reflection ρE (exterior/interior)

### 33 mm (Planilux®)

83 kg/m<sup>2</sup>

NPD\*\*

78%

7%/7%

4,9

0,59

48%

6%/6%

### 33 mm (Diamant® - extra clear)

83 kg/m<sup>2</sup>

NPD\*\*

86%

8%/8%

4,9

0,72

66%

7%/7%

\* Declaration of Performances

\*\* NPD = No Performance Declared

\*\*\* Bigger sizes available on request