

VETROGARD™ BULLET

Bullet resistant security glass for interior and exterior application

BR2-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



TECHNICAL SPECIFICATIONS

Reaction (EN 1063)	BR2-NS (no splinters)	
Maximum Glass Size (max. 3,8 m ²)	≤ 1500 mm x 2500 mm***	
Thickness tolerance	±2 mm	
Length/height tolerance	±3 mm to 1000 mm, ±4 mm to 2000 mm, ±5 mm over 2000 mm	
Impact resistance (EN 12600)	1 (B) 1 classification	
Application Conditions	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".	
CE certificate No. of conformity	CPD/0497/4882/13 (you can obtain a DoP* from your national sales office) - AoC-Level 1	
ID-No.	HN 231-NS	
Hazardous material contained	None	
Nominal thickness	31 mm (Planilux®)	31 mm (Diamant® - extra clear)
Weight	73 kg/m ²	73 kg/m ²
Sound reduction Rw (EN 140-3)	NPD**	NPD**
Light transmission (EN 410)	79%	86%
Light reflection ρL (exterior/interior)	7%/7%	8%/8%
U value, W/m ² K (EN 673)	5,0	5,0
g value	0,60	0,73
Energy transmission τE	49%	66%
Energy reflection ρE (exterior/interior)	6%/6%	7%/7%

* Declaration of Performances

** NPD = No Performance Declared

*** Bigger sizes available on request