

# VETROGARD™ BULLET

Bullet resistant security glass for interior and exterior application

BR3-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)	BR3-NS (no splinters)	
Maximum Glass Size (max. 10,4 m <sup>2</sup> )	≤ 2600 mm x 4000 mm***	
Thickness tolerance	±3 mm	
Length/height tolerance	±4 mm to 1000 mm, ±5 mm to 2000 mm, ±6 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 344-NS	
Hazardous material contained	None	
<b>Nominal thickness</b>	<b>44 mm (Planilux®)</b>	<b>44 mm (Diamant® - extra clear)</b>
Weight	104 kg/m <sup>2</sup>	104 kg/m <sup>2</sup>
Sound reduction Rw (EN 140-3)	NPD**	NPD**
Light transmission (EN 410)	74%	84%
Light reflection ρL (exterior/interior)	7%/7%	8%/8%
U value, W/m <sup>2</sup> K (EN 673)	4,7	4,7
g value	0,54	0,69
Energy transmission τE	42%	61%
Energy reflection ρE (exterior/interior)	5%/5%	6%/6%

\* Declaration of Performances

\*\* NPD = No Performance Declared

\*\*\* Bigger sizes available on request