

# VETROGARD™ PRO

Attack and bullet resistant security glass for interior and exterior application

BR4-NS  
P8B

## CLASSIFICATION



= Bullet &  
Attack Resistant

Security glass combinations offering an effective resistance against specific weapons and ammunitions, as well as against forced entry attempts. A distinction is made in terms of the bullet resistant characteristics between splintering and non-splintering glass.

## PRODUCT FEATURES

Laminated safety glass



## TECHNICAL SPECIFICATIONS

Reaction (EN 1063)	BR4-NS (no splinters)	
Reaction (EN 356 B)	P8B	
Maximum Glass Size (max. 11,6 m <sup>2</sup> )	≤ 2600 mm x 5000 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.	JH 840.54-NS	
Hazardous material contained	None	
<b>Nominal thickness</b>	<b>54 mm (Planilux®)</b>	<b>54 mm (Diamant® - extra clear)</b>
Weight	129 kg/m <sup>2</sup>	129 kg/m <sup>2</sup>
Sound reduction Rw (EN 140-3)	NPD**	NPD**
Light transmission (EN 410)	71%	83%
Light reflection ρL (exterior/interior)	7%/7%	5%/5%
U value, W/m <sup>2</sup> K (EN 673)	4,5	4,5
g value	0,51	0,67
Energy transmission τE	37%	59%
Energy reflection ρE (exterior/interior)	5%/5%	6%/6%

\* Declaration of Performances

\*\* NPD = No Performance Declared

\*\*\* Bigger sizes available on request