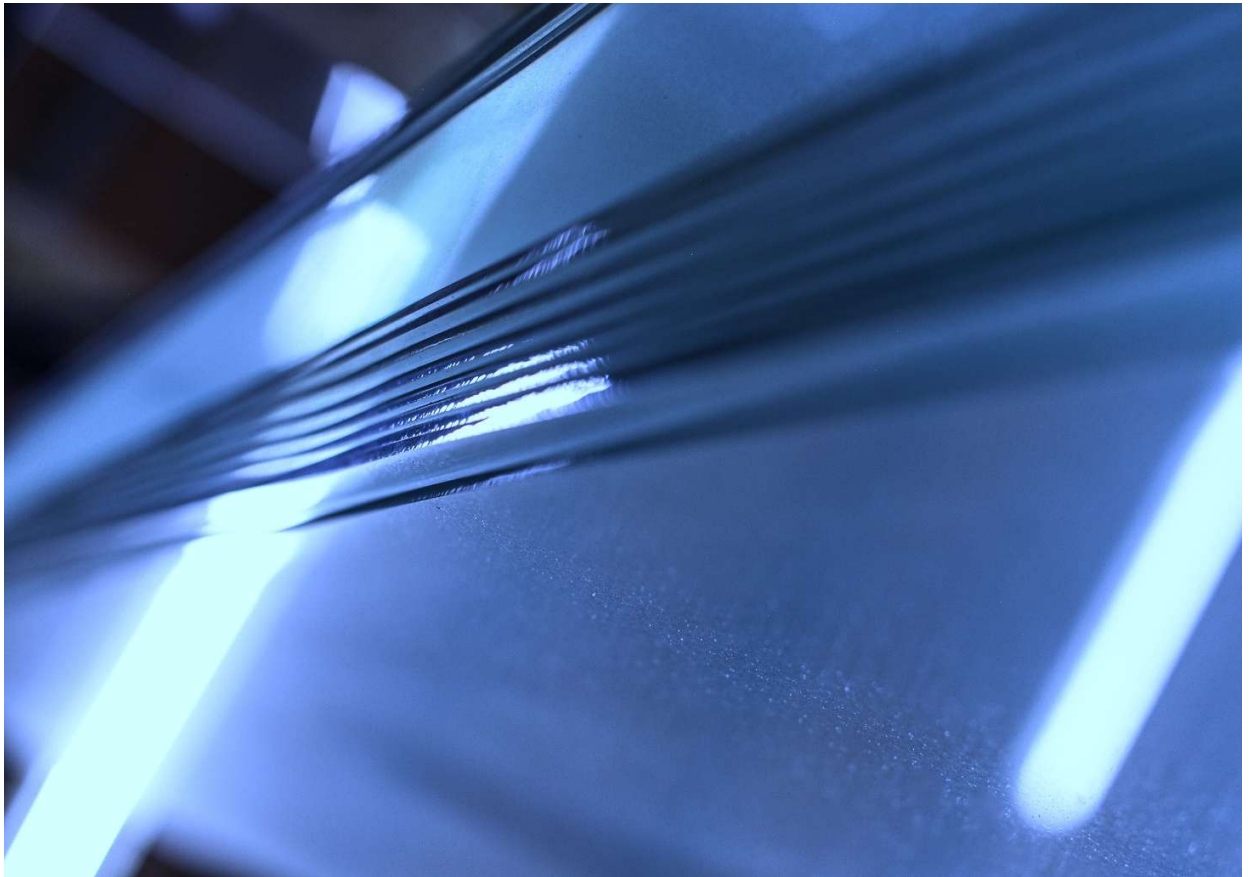


TECHNICAL DATA SHEET



 **BR5**
EN 1063



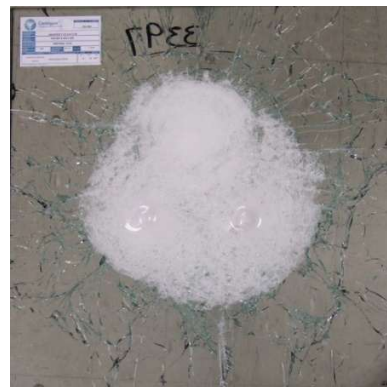
Projectile Caliber	• 5,56 x 45
Projectile Type	• FJ2/PB/SCP1
Impacts	• 3 – 120mm
Velocity	• 950 +/- 10 mps
Thickness	• 27 mm
Area Density	• 59 kg/m2



TECHNICAL DATA SHEET

Developed using Centigon's state-of-the-art chemical tempering process, our Panther BR5 Glass offers a cutting-edge security solution. This advanced glass, certified by University of Dayton Research Institute (UDRI) and Element U.S. Space & Defense, offers unparalleled protection by meeting stringent ballistic resistance standards, capable of withstanding high-velocity projectiles while maintaining structural integrity.

Centigon's innovative and proprietary chemical tempering process enhances the glass's strength and durability, making it significantly more resistant to impact and stress. The result is a glass that not only provides superior protection but also features a remarkable reduction in both weight and thickness. It represents the ultimate solution for environments where high levels of security are essential without compromising on style or functionality.



Test Report PR0001110, Revision 0

BALLISTIC RESISTANCE TEST									
Element U.S. Space & Defense					Client: Centigon Corporation S.A.				
4000 Compagny Road					Project No.: PR0001110-2				
Revision: 001					Test Date: 05/17/2024				
Page: 1 of 1									
Test Panel Description: Transparent armor, LG4720 BR5									
Manufacturer: Centigon Security Group					Sample No.: NCC, V01 BR5-05485-1				
Size: 162 x 162 mm					Weight: 10.25 kg				
Avg. Thickness: 29.43 mm					Post-Test: N/A				
Thickness: 29.26 mm, 29.24 mm, 29.43 mm, 29.44 mm, 29.44 mm					Date Received: 04/14/2024				
					Sealed for: 1200 Ground				
					Returned for: FEED Ground				
Setup									
Shot Spacing: 3 shots on 120 mm					Primary Vol. Source: (NCC, V01, 6.20)				
Inter-shot: 100 ms					Secondary Vol. Source: (NCC, V01, 6.20)				
Inter-shot: 100 ms					Range to Target: 5.00 m				
Backing Material: N/A					Target to Hit: (NCC, V01, 6.20)				
Condition: Ambient					Range No.: Range 3				
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