

BALLISTIC PROTECTION BR4-NS

A lightweight, bullet-resistant glazing solution in protection class BR4-NS (No Splinter), where laminated glass panes are combined with a Hammerglass pane to achieve the lowest possible weight and thickness. The inner Hammerglass pane prevents fragments or splinters from penetrating the protected area. To achieve BR4-NS classification, the unit has successfully withstood three shots fired from a distance of five metres using a .44 Magnum revolver. In addition to Hammerglass BR4NS, we also offer complete bullet-resistant solutions incorporating reinforced steel systems for windows and doors. These steel systems, certified to protection class FB4 according to EN 1522, provide comprehensive protection against ballistic attacks.

APPLICATIONS

Embassies, government buildings, military facilities, banks, jewellers and other retail businesses, hotels, private residences, and other premises exposed to a medium threat level.

PRODUCT DESCRIPTION

Hammerglass BR4NS is a medium-level ballistic protection glazing solution. The unit consists of multiple layers of laminated glass, with Hammerglass as the innermost laminated pane to prevent fragments or splinters from entering the protected area in the event of ballistic impact.

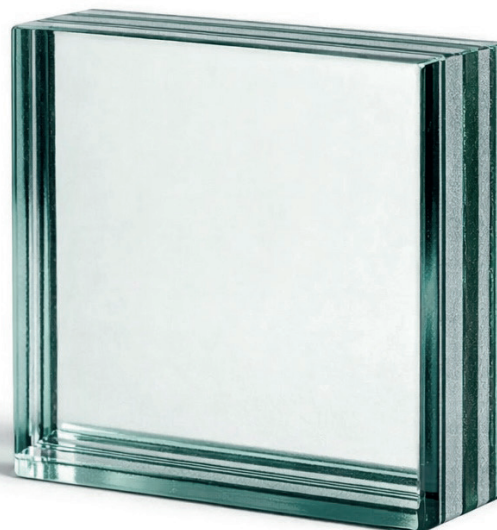
Thanks to its nanocoated surface, Hammerglass is resistant to chemicals and most acid attacks. Graffiti and contamination can be removed using solvents or graffiti removal agents. Hammerglass does not contribute to the spread of fire in the event of a fire.

PROTECTION CLASS AND CERTIFICATIONS

Hammerglass BR4NS has been tested and certified by Beschussamt Ulm in Germany in accordance with EN 1063 BR4-NS. Hammerglass is also certified in accordance with the British police initiative "Secured by Design".

EXAMPLE SPECIFICATION TEXT

"The bullet-resistant glazing unit shall be of the type Hammerglass BR4NS."



LASER MARKING

All Hammerglass products are laser marked with the company logo and production number. This provides a mark of quality for our customers, traceability for internal quality assurance, and security in the event of warranty claims.

WARRANTY

A one-year warranty against delamination applies. Warranty periods for all other materials and installation work follow the applicable construction industry warranty terms in accordance with ABM 07.

INSTALLATION

Hammerglass ballistic protection systems are installed exclusively by certified installers to ensure the highest quality standards.

TECHNICAL SPECIFICATION	
Protection Class	R4-NS (.44 Magnum)
Thickness	23 mm
Weight	54 kg/m ²
Inner Pane	Hammerglass
Fragmentation / Splinter	No fragment or splinter release

WHAT IS HAMMERGLASS?

Hammerglass is a durable and scratch-resistant polycarbonate sheet, 300 times stronger than glass. With its unique surface coating, the panes are resistant to most chemicals and acids. The coating also provides 99.96% UV protection, which prevents the material from becoming cloudy, fading, or aging over time. Hammerglass does not contribute to the spread of fire in case of a blaze.