

HAMMERGLASS SINGLE

Hammerglass Single is a single-pane glazing solution, 300 times stronger than ordinary glass of the same thickness. It is designed for reglazing in existing frames and structures, such as older coupled window systems, listed buildings, and heritage properties. Installation is carried out without affecting the existing architecture.

The combination of low weight and high protection performance creates excellent opportunities for glazing within existing systems. Hammerglass Single provides increased protection against vandalism and burglary – for enhanced safety and security.

APPLICATIONS

Shops, shopping centres, public buildings, industrial facilities, offices, petrol stations, pharmacies, healthcare centres, and other environments where protection against vandalism or break-ins is required.

Hammerglass Single is also widely used as traffic lane separators, bridge railings, and noise barriers along roads and railways. Short lead times and an extremely hard, durable surface make Hammerglass a popular choice both for new projects and for glass replacement applications.

PRODUCT DESCRIPTION

For single glazing or coupled window systems, either the outer or inner pane is replaced with Hammerglass Single. Installation in existing frames is carried out using special fixings and silicone adapted for the Hammerglass surface coating. For maximum strength and durability, we recommend full bonding of the pane within the existing frame rebate.

Thanks to its nano-surface treatment, Hammerglass is resistant to chemicals and most acid attacks. Graffiti and dirt can be removed using solvents or graffiti removers. Hammerglass glazing material is available in thicknesses of 4, 6, 8, 10, 12, and 15 mm.

Hammerglass does not contribute to the spread of fire in the event of a fire.

PROTECTION RATING AND CERTIFICATIONS

Hammerglass single is approved according to SSF 1085 up to Class 3 (equivalent to P8B according to EN 356).



DESIGN AND PLANNING GUIDANCE

Hammerglass Single provides protection against vandalism and burglary without altering the existing architecture. Installed in an Add-On system, Hammerglass achieves sound reduction of up to 30 dBRw. In addition, the system contributes to improved energy efficiency and enhanced U-values.

LASER MARKING

All Hammerglass panes are laser-marked with logo and production number. This serves as a quality assurance mark for customers, enables traceability for internal quality control, and provides security in relation to warranty matters.

WARRANTY

Warranty is provided in accordance with Hammerglass general terms and conditions.

INSTALLATION

Hammerglass Single must only be installed by recommended installers to ensure the highest quality standards, in accordance with MTK guidelines.

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.