

HAMMERGLASS ADD-ON U

Hammerglass Add-On U is part of the unique Hammerglass Add-On system – a complete and highly effective solution for burglary protection and personal safety. The system can be installed on both fixed and opening windows, as well as on glazed sections and door assemblies.

APPLICATIONS

Buildings requiring reinforced perimeter protection due to risks of vandalism, burglary, or personal injury.

PRODUCT DESCRIPTION

Hammerglass Add-On U is primarily designed for internal security glazing applications.

In the event of an attempted forced entry, the steel profile yields only at the actual breaking point. By eliminating leverage effects, break-in attempts are made significantly more difficult. The Hammerglass pane itself is 300 times stronger than ordinary glass and withstands attacks using hammers, crowbars, sledgehammers, and similar tools.

The profile protects and reinforces existing timber frames without altering the original architecture.

QUALITY MARKING

All Hammerglass panes are laser-marked with logo and production number. This provides a visible quality mark for customers, ensures traceability for internal quality assurance, and supports warranty and service handling.

WARRANTY

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



TECHNICAL SPECIFICATION	
SSF 1085	Class 3 (equivalent to P8B according to SS-EN 356)
SSF 200:6	Protection Class 2
Resistance Class	Anti-intrusion protection RC2 and RC3 according to SS-EN 1627
Thickness	6, 8, 10, 12 mm
Sound Reduction	30 dBRw
RAL Colour	Optional
Profile Material	Cold-rolled steel
Installation	Internal installation
Recommended Size	Up to 2000 × 3000 mm

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.

MEASURING

Selecting the Correct Hammerglass Thickness

Measure the shorter of the two dimensions of the window frame or sash. Then refer to the table to determine the corresponding Hammerglass thickness.

Shortest dimension (smallest measurement of width/height)	Hammerglass thickness
<1499 mm	6 mm
1500-1999 mm	8 mm
>2000 mm	10-12 mm

System Dimensions

The external frame dimensions for Hammerglass Add-On U extend an additional 37 mm beyond the visible glass area in both width and height (total extension: 74 mm). This design ensures optimal installation with screw fixing positioned clear of the existing glazing rebate.

Use the sample pane from the demonstration case to easily determine the correct positioning of the additional profile in relation to the visible glass area, existing glazing bead, or the outer edge of the window frame.

If there are any concerns regarding available space around the glazing rebate, please contact Hammerglass AB for further guidance.

Maximum system size: 2000 × 3000 mm.

Example Measurement:

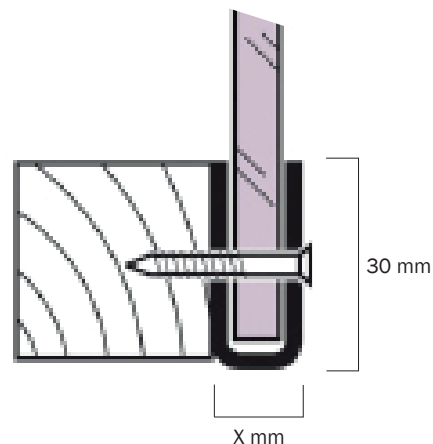
Visible glass area on window sash/frame (W × H): 600 × 1200 mm

Smallest dimension (W/H): 600 mm

Correct Hammerglass thickness: 6 mm

System dimensions (W × H):

$(600 + 75) \text{ mm} \times (1200 + 75) \text{ mm} = 675 \times 1275 \text{ mm}$



Hammerglass thickness	X mm
6 mm	8 mm
8 mm	10 mm
10 mm	12 mm
12 mm	14 mm

INSTALLATION

The system is installed using the supplied screws. If there are any questions regarding the substrate or existing frame conditions, Hammerglass recommends contacting Hammerglass directly or using an approved installer.