

# HAMMERGLASS REFLECT

Hammerglass Reflect is a vandal-resistant mirror solution designed to reduce the costs associated with vandalism while increasing personal safety in the environments where it is installed.

Hammerglass Reflect features a nano-treated surface that can be described as a thin layer of glass. This surface treatment makes the product resistant to chemicals and most acid attacks. Graffiti and markings can be removed using solvents or graffiti removers.

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

## APPLICATIONS

Public restrooms, changing rooms, sports facilities, elevators, prisons, psychiatric care facilities, and other environments where protection against vandalism or glass breakage is required.

## PRODUCT DESCRIPTION

Weight: 1.2 kg/m<sup>2</sup> per mm thickness, corresponding to approximately half the weight of ordinary glass. A 6 mm panel weighs 7.2 kg/m<sup>2</sup>.

Hammerglass Reflect is available in standard sizes but can also be cut or CNC-shaped for special dimensions. Holes are pre-machined.

## QUALITY ASSESSMENT

Optical distortions may occur, primarily depending on the size of the product. This does not constitute grounds for complaint.

During the manufacturing process, small black or white dots, streaks, or marks may appear in the reflective surface. This phenomenon does not occur on all products, and normally no marks are present. Such variations do not constitute grounds for complaint.

## WARRANTY

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



## INSTALLATION

Hammerglass Reflect is installed using through-bolts (countersinking is not permitted). The product can also be installed using fixpoint fittings or clamp fixings.

For installations involving adhesive bonding or silicone mounting, please contact Hammerglass AB.

For larger surfaces (1500 × 2000 mm), Hammerglass Reflect should be bonded to a flat backing surface (appropriate substrate depending on the environment) to ensure the best possible optical performance.

The rear side of the product is coated with a sensitive white protective paint. Even minor damage may become visible as marks in the reflective surface. During handling and installation, it is therefore essential that the painted rear surface is handled with extreme care to avoid pressure damage or scratches, for example from improper adhesive

| TECHNICAL SPECIFICATION |                          |
|-------------------------|--------------------------|
| Standard Sizes          | Up to 1m <sup>2</sup>    |
| Standardmått            | 500x750 mm, 500x1000 mm  |
|                         | 500x1500 mm, 750x1000 mm |
|                         | 1000x1000 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.