



## Hammerglass **Add-On U**

Hammerglass Add-On System U is used for outstanding protection. This system is primarily installed as interior protective glazing. However, for certain applications it can be used for exterior protection.

The Hammerglass Add-On System U can be installed to standard windows, to both fixed and opening sashes. Hammerglass Add-On System U is also used on different glazing and door units, where you want to protect existing windows against vandalism and burglaries.

The Hammerglass Add-On System U is integrated and can be supplied in any RAL and NCS colours.

### Applications

Shops, shopping malls, public/private properties, industrial buildings, office blocks, petrol stations, pharmacies or any other vulnerable buildings. Provides the perfect solution for protection against vandalism and break-ins.

### Product description

Hammerglass Add-On System U for inner protective glazing. Glass material is 6, 8, 10 or 12 mm Hammerglass. The unique U-profile is produced in cold rolled steel plates (instead of more easily forced aluminium).

Hammerglass is glued into the channels of the profile, then screwed with coach bolts through the steel profile giving the best result and a secure hold.

With a possible break-in attempt, the steel profile will only give way at the break-in point. The result will be like opening a can of beans, the steel will break but not tear, there is no lever effect. The worst damage is lots of small tab-like marks. An aluminium profile, as a comparison, is softer and can more easily be broken when placing a tool under the profile to lever it up.

Hammerglass offers a unique nano-technology coating, resistant to chemicals and most acid attacks. This means graffiti and other dirt can be removed with graffiti remover and other cleaning products. Hammerglass does not contribute to the spreading of flames in a possible fire.

The installation has no damaging effect on existing architecture. The system protects and strengthens existing wooden frames, which minimizes the maintenance costs. Hammerglass Add-On System U reduces noise with up to 30 dBRw.

### Security Class and certificates

Hammerglass Single is approved according to EN 356 in the following security classes:

- 6 mm Hammerglass Single P7B
- 8-12 mm Hammerglass Single P8B (equivalent to Protection Level 3, the highest safety rating for antiburglary grilles and shutters)
- Hammerglass is also certified according to British Police standards "Secured by Design"

### Text proposal for product specifications

*"The Add-on system for inside protective glazing is to be of type Hammerglass Add-on System U, with a Hammerglass profile in cold rolled steel plates."*

Contact Hammerglass for DWG-files.

### Laser marking

All Hammerglass panes are laser marked with logo and serial number.

### Guarantee

5 years according to specified conditions.

### Installing

Installed only by certified installers in order to guarantee the highest quality.

