



HammerArt – printed Hammerglass solutions

www.hammerglass.fi

WHAT IS HAMMERGLASS®?

Hammerglass is the new generation of unbreakable glass in nano surface-treated polycarbonate. A durable and wear-resistant polycarbonate sheet, 300 times stronger than glass and virtually unbreakable.

Hammerglass screens are coated with a thin film of silicon oxide, which protects against scratches and wear and tear. Nanotechnological surface treatment renders Hammerglass resistant to most chemicals, which makes it easy to remove graffiti from the surface - and helps to prevent pollutants from exhaust fumes, oil and asphalt from adhering to Hammerglass as easily as to ordinary glass.

The surface treatment also provides 99.96% UV protection, which means the material will not cloud, discolor or undergo any other change in optical quality over time.

Estimated service life is more than 40 years. Hammerglass does not contribute to the spreading of flames in the event of fire.

With its array of positive features, certificate in security class EN 356 P8B, and half the weight of conventional glass - Hammerglass is an excellent choice both for new installation and glass replacement.



UNBREAKABLE.

Hammerglass Videos

<https://youtu.be/VVmOPpRJs-0> Cleaning, Hammerglass vs Acetone & Soap wool ("Steel wool")

<https://youtu.be/pqlx2FjzYu4> Fire, will Hammerglass burn?

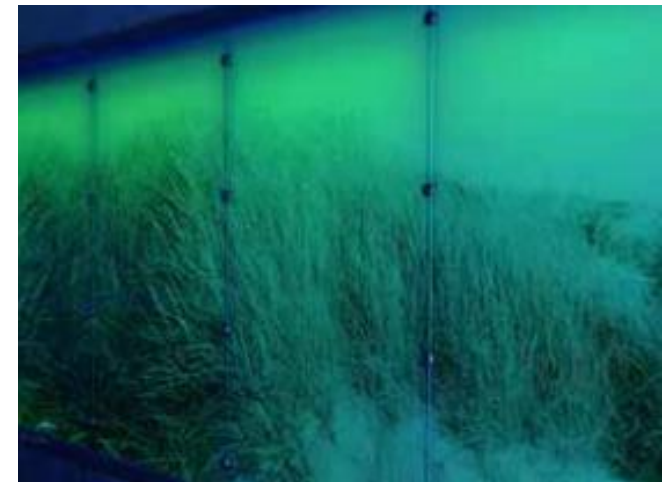
https://youtu.be/L03_kcPGO9M Durability, will Hammerglass break?



Printing on Hammerglass

We use two methods of printing on Hammerglass.

1. Digital printing: A printed laminate sheet is connected to either a single coated Hammerglass or laminated between two Hammerglass sheets. Multicolored and grayscale printing can be used in this method. This is more expensive than screen printing.
2. Screen printing. A "silk print" is done on uncoated Hammerglass. The print is covered with Hammerglass nanocoating for increased protection. The method results in a double coated Hammerglass sheet. Only one color and one shade printing is possible per print design. This method is cheaper compared to digital printing.



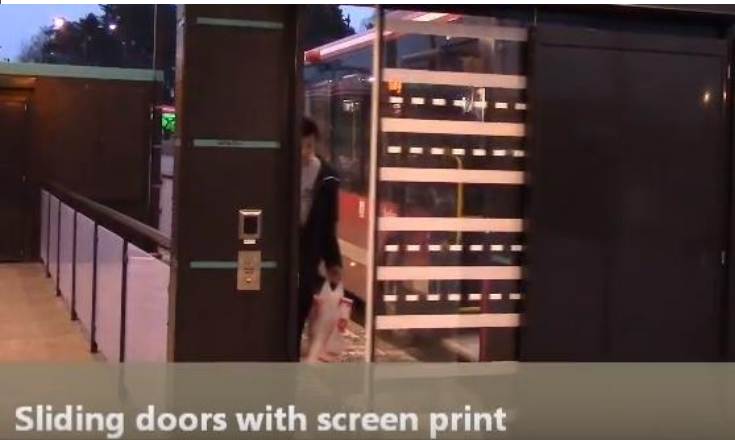
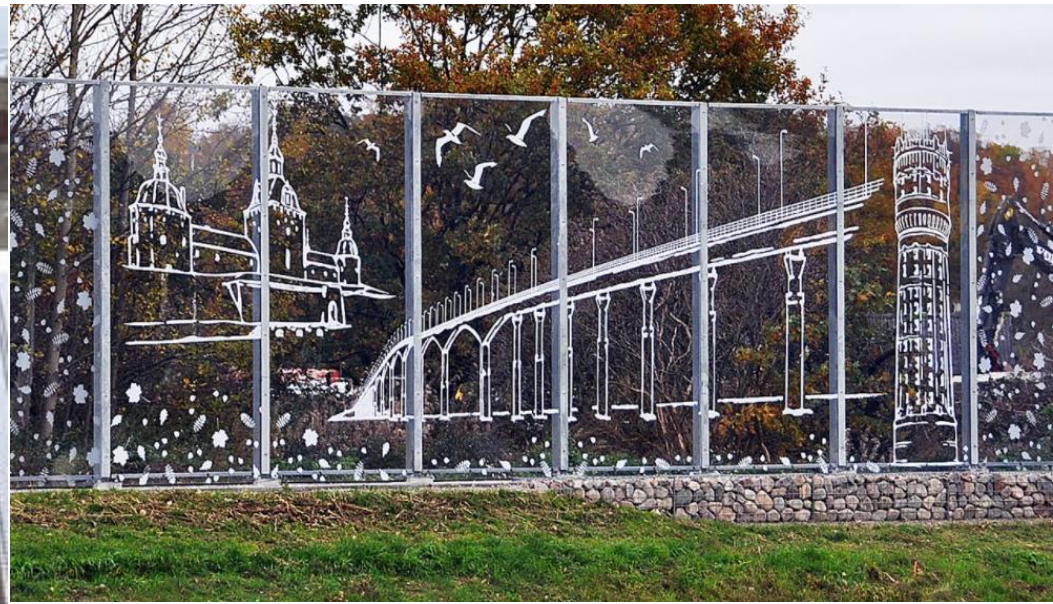
Digital print: Single coat; backside not coated with Hammerglass (No need, protected by structure) Hammerglass 12 mm



Digital print: Single coat; backside not coated with Hammerglass (No need, protected by structure) Hammerglass 12 mm



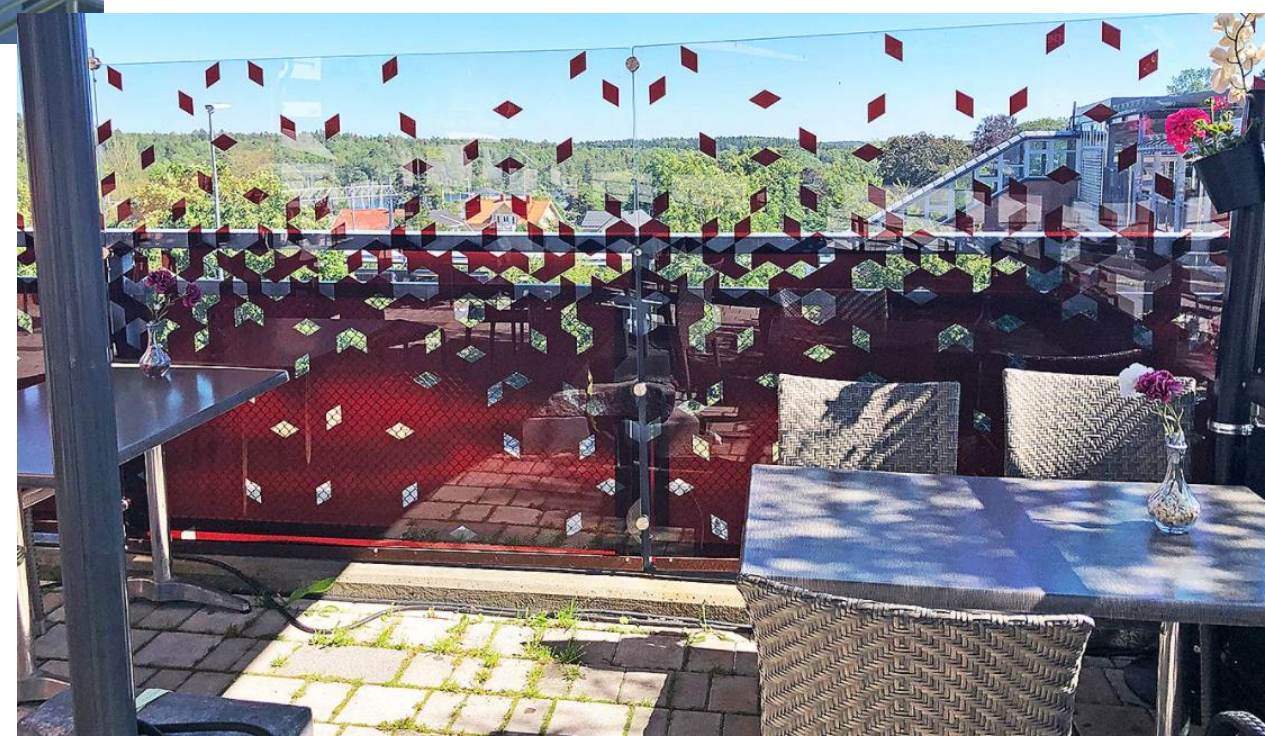
Digital print: Single coat, Laminated Hammerglass 6 mm + 6 mm. End result; "Double coated" Hammerglass



Sliding doors with screen print



Screenprint: Hammerglass 12 mm; Printed (silk, single color) and then protected by Hammerglass coating, i.e. Double coated end product.



Screenprint: Hammerglass 12 mm; Printed (silk, single color) and then protected by Hammerglass coating, i.e. Double coated end product.



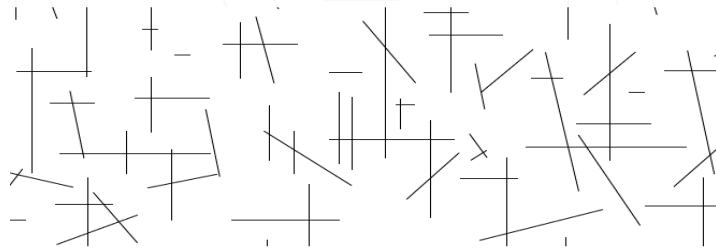
Objekt: Stockholms Centralstation
Syfte: Vandalskydd
System: HmG 12mm Clear
Klass: P8B skyddsklass 3.



Screenprint: Hammerglass 12 mm; Hammerglass coating, i.e. Double coated end product. Markings are stickers. NOTE! Basically Hammerglass is quite sticker resistant. Therefore, smaller stickers "work better" and last longer in use. Stickers peeling of might become an issue, especially if the Hammerglass is outdoors.



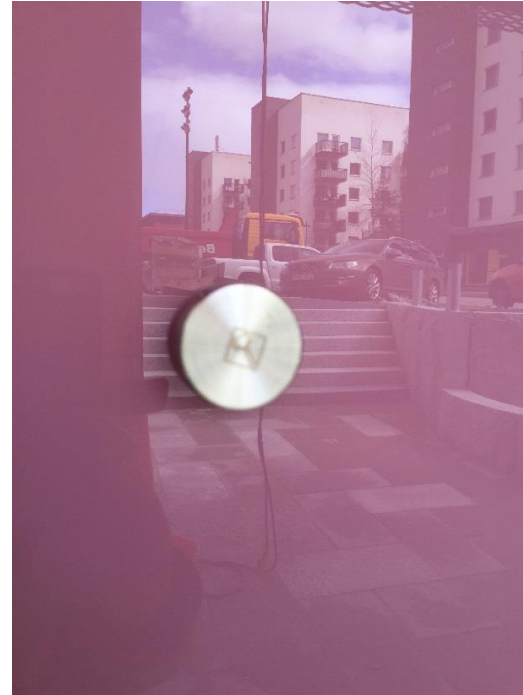
Screenprint: Hammerglass 8 mm PRE-SCRATCHED
 The perfect solution for bus shelters.
 Almost unbreakable and extremely chemical resistant sheets
 with a vandalism prevention design.
 Double coated end product.



"PRE-SCRATCHED" FROM HAMMERGLASS



NOTE!
 Transparent
 Bus shelter glass also available.



Hammerglass 12 mm color lake / dry lake. Hammerglass coating on both sides, i.e. Double coated.
Note! Large order quantities needed to make this option economically feasible (approx 1000 kg material)



Hammerglass 6, 8, 10 and 12 mm.
Double/single -coated Hammerglass
Electronic protection



Hammerglass Mirrors.

Semi-transparent print on
Hammerglass mirrors.





Hammerglass 12 mm Opal, Laser cut "3d" text.



Hammerglass opal 12 mm.
"Rainbow LED"
Double coated.

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