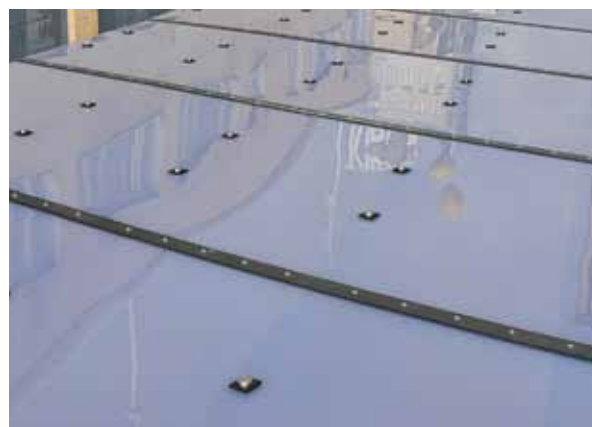




<b>Object:</b>	Växjö Railway station, East Bridge, Sweden 2013
<b>System:</b>	Hammerglass Single 12 mm Clear, HmG Fixpoint
<b>Performance:</b>	PEAB
	<p>A project entailing the glazing of escalators, roofs, elevators and aerial walkways with existing steel structures.</p> <p>Measurements were taken once the steel structure was in place to ensure a good fit of the Hammerglass panels.</p> <p>Advantages from using Hammerglass glazing, seen by the customer:</p> <ul style="list-style-type: none"> <li>• The low weight of the panels results in a lighter structure compared to glass</li> <li>• Unbreakable and non-splintering – able to tolerate challenging conditions</li> <li>• The Hammerglass panels were anchored using special Fixpoint system to achieve optimum strength</li> </ul>



<b>Object:</b>	<b>Roof over busterminal, Täby Centrum, Stockholm 2013</b>
<b>System:</b>	<b>Hammerglass Single 12 mm Opal, HmG L-profile/Fixpoint</b>
<b>Performance:</b>	<b>Landskapslaget/NCC</b>
	<p>Under Landskapslaget’s direction, we were given the opportunity to influence the design and technical solution for the translucent section of the bus terminal roof in Täby Centrum.</p> <p>Hammerglass panels installed using steel L-profiles manufactured by Hammerglass at the joins, as well as clamping profiles to ensure water-tight joins. The panels are held in place using specially-manufactured Fixpoints to prevent sagging between the L-profiles.</p> <p>Each panel measures 2x5.5 metres and is fixed at a 70 degree angle to the upright. Before the panels were cut, each space was measured individually. The panels were then cut out as parallel trapezoids. Total area 5.5x100 metres.</p> <p>Customer: Täby Municipality via NCC</p>



<b>Object:</b>	<b>Pedestrian/bicycle bridge, Ludvika Railway Station 2014</b>
<b>System:</b>	<b>Hammerglass 12 mm Clear, screen-printing and lighting</b>
<b>Performance:</b>	<b>BSM Borlänge</b>
	<p>Hammerglass AB played an active role right from the construction stage in order to ensure correct installation and design. We were also actively involved in Tyréns' work to satisfy the customer's requirement of light effects: "The bridge shall be transparent and at night the panels shall be illuminated in blue light".</p> <p>The solution was 130 panels screen-printed with a blue grid pattern. The top edges of the Hammerglass panels were polished, and LED lighting was installed above these.</p> <p>To ensure a perfect fit, all dimensions were taken after BSM had finished constructing the structure's 8 sections. The panels were fitted into the bridge sections in the factory. Each section was then lifted onto the 250 meter-long bridge using a crane.</p> <p>Built by Tyréns. General contractor: AEB Anläggningsentreprenad AB.</p>



<b>Object:</b>	<b>Illuminated pedestrian subway, Stockholm 2014</b>
<b>System:</b>	<b>Hammerglass 12 mm Opal, digital printing and lighting</b>
<b>Performance:</b>	<b>NCC</b>
	<p>Illuminated Hammerglass panels in a previously dark and unsafe pedestrian subway from Täby Centrum to the bus and railway station.</p> <p>The steel structure was designed by Hammerglass designers. Hammerglass Opal 12 mm with LED lighting in varying colours. Hammerglass Clear with digitally printed townscape and lighting. Overhead lighting in Hammerglass Opal lights up the subway roof.</p> <p>All the panels were individually dimensioned and then CNC-cut to achieve a perfect fit. The digital-printed pattern flows without interruption from one panel to the next. The panels are fixed to the underlying steel structure by means of Hammerglass Fixpoints.</p> <p>Customer: Täby Municipality Architects: Landskapslaget.</p>



<b>Object:</b>	Illuminated pedestrian subway, Stockholm 2012
<b>System:</b>	Hammerglass 12 mm Opal, digital printing and lighting
<b>Performance:</b>	Hammerglass AB
	<p>Digitally-printed pattern on the reverse of Hammerglass panels.</p> <p>Hammerglass played an active role in construction of the frame system and in development of the project, as well as the installation of all components with the exception of the lighting.</p> <p>The panels were protected against vandalism by using Hammerglass nano-based external coating.</p>



<b>Object:</b>	Liljeholmstorget, Stockholm 2011
<b>System:</b>	Hammerglass Single 12 mm Opal, Smoke and Clear
<b>Performance:</b>	Hammerglass AB
	<p>The Hammerglass roof structure provides stylish and elegant protection against wind and weather for the market traders in Liljeholmstorget.</p> <p>A total of 110 m<sup>2</sup> of 12 mm Hammerglass in Opal, Smoke and Clear finish. Hammerglass AB was actively involved throughout the whole process from design to construction.</p> <p>Customer: City of Stockholm Architects: Nivå Landskapsarkitekter</p>



<b>Object:</b>	SL's local station at Hammarbyhöjden, Stockholm 2009
<b>System:</b>	Hammerglass Single 12 mm Clear
<b>Performance:</b>	Hammerglass AB
	<p>After considerable problems with glass breakages, graffiti and vandalism, SL (Stockholm's Local Transport) placed an order for refurbishing of the station at Hammarbyhöjden. The existing glass was replaced by Hammerglass. This in turn was coated with Hammerglass anti-scratch film to make it easier to clean in the future.</p> <p>The glass was replaced in weather shelters, in stairways and in the station building itself.</p>



<b>Object:</b>	Hallandstrafiken, Hyltebruk 2013
<b>System:</b>	Hammerglass Single 12 mm Clear, HmG Fixpoint
<b>Performance:</b>	Hallandstrafiken
	<p>Replacing the toughened glass in bus shelters with Hammerglass after major problems with vandalism and glass breakage. Installation into pre-existing post system. Fixed throughout using specially produced Hammerglass Fixpoints.</p> <p>A recurring problem with the old glazing system was that both glass panel beads and rubber strips were often damaged when the glass was broken. Using Hammerglass Fixpoints to anchor panels guarantees that an attack does not result in anything else coming loose.</p> <ul style="list-style-type: none"> <li>• Low weight – easy to handle when installing</li> <li>• Glass panels anchored using HmG Fixpoints</li> <li>• Flexible system – can be adapted to all types of bus shelters</li> <li>• New and more modern design for existing bus shelters</li> </ul>





<b>Object:</b>	X-Trafik, Söderhamn 2012
<b>System:</b>	Hammerglass Single 8 mm Clear
<b>Performance:</b>	X-Trafik
	Ongoing replacement of glass in shelters belonging to the X-Trafik bus company in Söderhamn.



<b>Object:</b>	<b>Weather shelters, Jälä, Savo, Finland 2012</b>
<b>System:</b>	<b>Hammerglass Single 8 mm Clear</b>
<b>Performance:</b>	<b>Savon Kuljetus Oy</b>
	<p>Weather shelters in Jälä, Savo suffered constant vandalism. Costs for glass came to hundreds of Euros every year.</p> <p>The vandalism problem was solved by replacing the toughened glass with 8 mm Hammerglass Single Clear.</p>



<b>Object:</b>	Örbyhus, Tierps municipality, 2010
<b>System:</b>	Hammerglass Single 8 mm Clear, overlap joins
<b>Performance:</b>	Hammerglass AB
	<p>Weather shelters along the northbound main rail line.</p> <p>Hammerglass 8 mm Single Clear installed with overlap joins.</p>

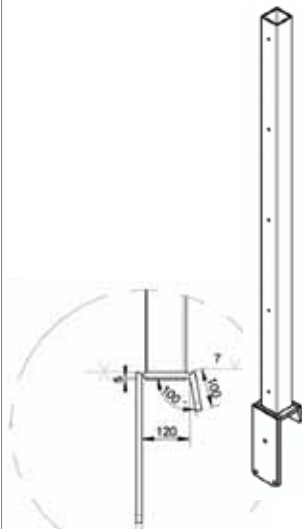


<b>Object:</b>	<b>Iris scanners, Ringhals nuclear power station 2011</b>
<b>System:</b>	<b>Hammerglass Single 6 mm Coloured</b>
<b>Performance:</b>	<b>Vattenfall</b>
	<p>To ensure that the iris scanners at Ringhals would work properly at all times of the day, a wind and rain-proof shelter was required that would completely shut out all natural light.</p> <p>Hammerglass AB designed both posts and glass according to the specification of requirements issued by Ringhals nuclear power station.</p>



<b>Object:</b>	<b>Weather shelter at Montessori school, Sweden 2013</b>
<b>System:</b>	<b>Hammerglass Single 12 mm Clear, HmG Fixpoint</b>
<b>Performance:</b>	<b>Hammerglass AB</b>
	<p>The architect-designed baby buggy room – snack room – play room at the outdoor nursery at the Montessori school in Grevie Kyrkby, Båstad. Here children can sleep safely in their buggies and enjoy snacks outdoors whatever the weather.</p> <p>The customer chose Hammerglass to meet the need for non splintering glass, personal protection and a requirement for low weight materials. The Hammerglass panels are fixed to the elegant timber construction using Hammerglass Fixpoints</p>



<b>Object:</b>	Dementia Nursing Home, Sweden 2013
<b>System:</b>	Hammerglass Noise Reduction System VKR
<b>Performance:</b>	Byggmästar´n i Skåne
	<p>Combined wind protection and fall protection at the end of the courtyard in nursing home for people with dementia. The VKR-posts have a step at the end with clamp function on the retaining wall. The panels are held in place with clamping profiles on the sides, and are fixated by upper and lower rails in 4 mm U-profile.</p> <p>Hammerglass Single Clear 12 mm, height 2150 mm, width 2000 mm. The panels are printed with opal stripes to avoid bird collisions.</p>



<b>Object:</b>	Kindergarten, Kungsholmen 2011
<b>System:</b>	Hammerglass Noise Reduction System VKR
<b>Performance:</b>	Tuvan Heras and the City of Stockholm
	<p>Hammerglass Single 12 mm in 1.20 m high and 100 m long fence. Installed in Hammerglass Noise Reduction system with VKR-posts, around the kindergarten centre.</p>



<b>Object:</b>	Olympia, Helsingborg, Sweden 2013
<b>System:</b>	Hammerglass Single 12 mm Clear
<b>Performance:</b>	AKEAB
	<p>WSP Architects chose Hammerglass transparent protective screens around the volleyball court at the Olympia in Helsingborg.</p> <p>Hammerglass AB custom designed the post system and fittings, to meet the requirement for secure mounting of an unbreakable and shatter-proof low weight glazing solution around this type of arena.</p>





<b>Object:</b>	T Darpö estate agents, Båstad, Sweden 2010
<b>System:</b>	Hammerglass Single 6 mm Clear
<b>Performance:</b>	Hammerglass AB
	<p>Following a number of glass breakages in estate agent T Darpös' display cases, the glass was replaced with unbreakable Hammerglass.</p> <p>6 mm Hammerglass was installed in the existing case structures to protect them against vandalism.</p>