



SYNTHETIC ICE RINK X PERTS



THE ENVIRONMENTALLY FRIENDLY
■ NEW **GLISS ICE RINK**



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Synthetic ice provides gliding and braking properties that are very similar to natural ice. It does not need any additional lubricants and does not require electricity, water or conventional ice resurfacing machines for operation.

The synthetic surface is suitable for ice hockey, figure skating, curling or as a playground on the ice, all year round.



The eco-friendly ice rink ...

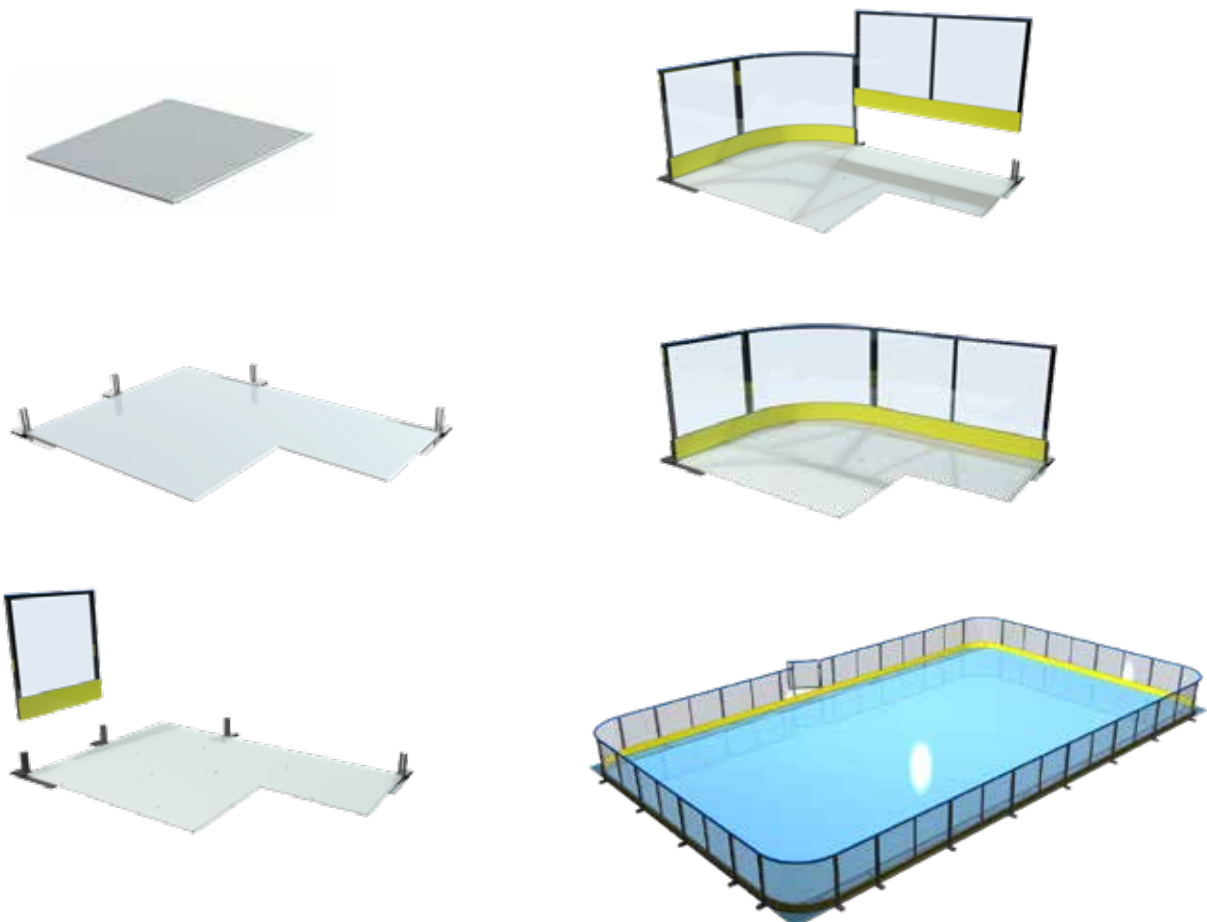
The UV-resistant HDPE NewGLISS sheets are manufactured by means of powder melting, which is compressed under very high pressure and finally finished on cold-forming machines.

The NewGLISS panels are manufactured in a German ISO 9001 certified company and comply with the EC standard.

The NewGLISS ice rink is created from a panel assembly - it should be installed on a flat and hard surface. The

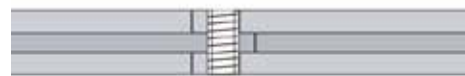
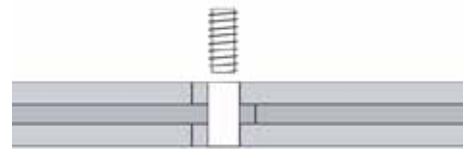
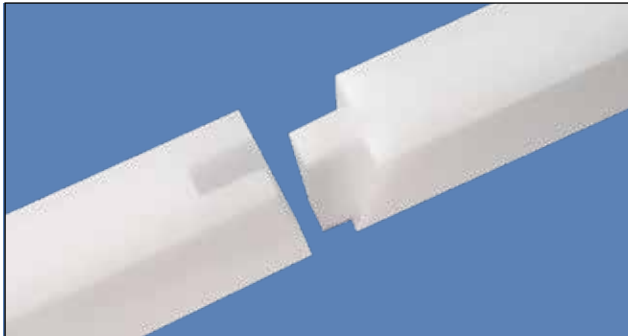
tongue and groove panels are inserted into each other and finally fixed on each side with patented grub screws. This connection technique compensates for the expansion behaviour of the panels during temperature fluctuations in the best possible manner.

In order to edge the ice rink formed in this way to the outside, dashborad elements are attached to the board posts which are mounted beneath the synthetic sheets.



... with patented connection technology

The patented grub screws used here are made of nylon material and have the great advantage that they behave neutral in the event of temperature fluctuations. This in turn guarantees the absolute stability of the NewGLISS panel composite.



and convincing benefits

- ◆ patented screw connection
- ◆ extremely high resistance to tearing out
- ◆ 2 x faster during assembly & dismantling compared to alternative synthetic solutions
- ◆ Nylon screws are temperature resistant
- ◆ passive in expansion & contraction
- ◆ reusable (double-sided panel use)
- ◆ flat disassembly is possible (no lifting of the panels as it is necessary with other systems)

The exclusive NewGLISS board

In order to be able to offer an ice rink and its spectator not only the highest level of safety, but also to present the rink boards in the best visual appearance, a great deal of technical know-how was invested in the development of the NewGLISS board variants.

The NewGLISS boards is unique and allows a maximum of individual shaping for the respective ice rinks. It has also been approved by the French Ice Hockey Federation as a sports rink.

The construction of this board is based on welded, 40mm hot-dip galvanised shaped tubes, which have a very high impact resistance. The New GLISS dasher-board elements can be covered with transparent 8mm polycarbonate or white 8mm polyethylene sheets. The 12mm HDPE kick plates are available in white and yellow - the 12mm handrail with rounded corners is available in blue, white, yellow and red.

Available board elements:

- ◆ length 1m, 2m or customised
- ◆ height 1,05m or 1,2m
- ◆ 90° corner element
- ◆ corner element with radius

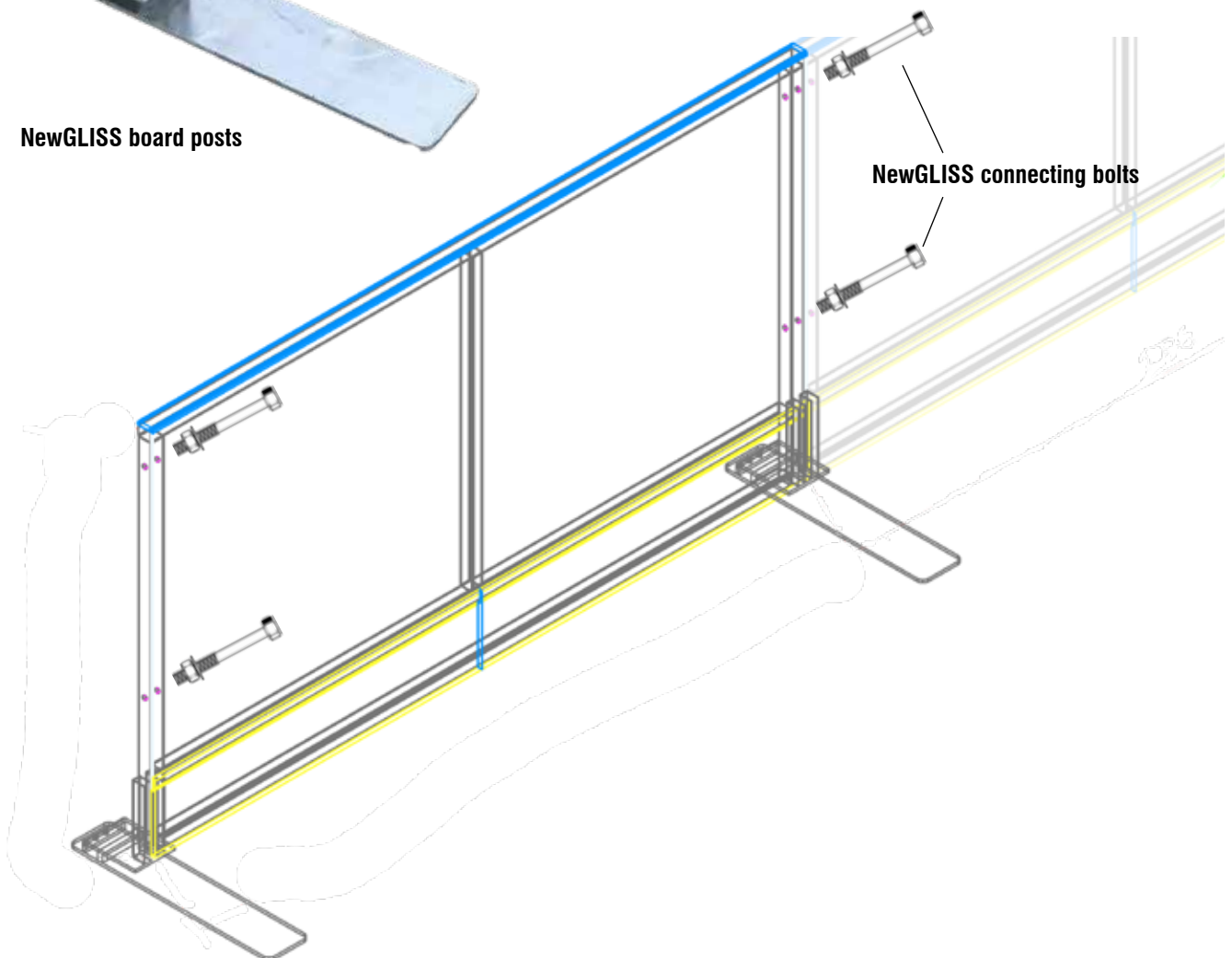


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While pushing the board posts beneath the boards, the board elements are positioned from above on the board uprights or inserted into each other.

The individual board elements are then secured with connecting bolts (right and left).

The board posts are designed in such a way that they can be screwed down with conventional screws (wooden floor) or connecting bolts (concrete slab) if necessary. This additional measure ensures that the NewGLISS ice rink does not move during operation.





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