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SIMONA® Eco-Ice – PE plastic sheets for ice rinks

Ice rinks made out of plastic panels help save not only money but also the planet. SIMONA® Eco-Ice plastic sheets are used to build efficient and energy-saving ice rinks

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SIMONA AG now offers a new product line, marketed as SIMONA® Eco-Ice. These PE plastic sheets can be used to build ice rinks for enhanced environmental protection, sustainability and energy savings.

Energy efficiency is a crucial factor these days in the decisionmaking of city councils and local authorities. The benefit of plastic ice skating rinks in this context is crystal clear, as new ice rink surfaces made from extremely smooth plastic panels offer significant potential to save on energy and operating costs. In addition, special machinery to smooth the surface of the ice and cooling systems are no longer needed, for unlike conventional ice rinks, no refrigeration systems are required for the purpose of producing ice. Skaters wearing conventional skates glide directly over the firmly interlocked plastic panels, and the smoothness of the surface is virtually identical to that of freshly groomed, artificial ice.

SIMONA® Eco-Ice plastic sheets are suitable for interior use as well as for year-round outdoor use – with UV stabilisation (which comes with a ten-year guarantee). Whether for ice skating or ice hockey, ice rinks in holiday parks or hotels or for events and festivals like Christmas markets – ice rinks made out of SIMONA® Eco-Ice are well established. SIMONA® Eco-Ice comes in the following types of polyethylene: PE-HD (heatresistant), PE-HMW (high molecular weight) and PE-UHMW (ultra-high molecular weight).

SIMONA® Eco-Ice received the Industry Award 2010 and is one of the Top Five product innovations in the field of Energy and the Environment.

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