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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.

Kirn, August 2010.

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 decision-making 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 (heat-resistant), 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.



About SIMONA

SIMONA AG is a manufacturer of thermoplastic products, with production facilities and sales offices around the globe. The company's product portfolio includes semi-finished products (sheets, profiles, welding rods), pipes and fittings as well as finished parts. SIMONA employs more than 1,200 people worldwide. In total, 35,000 products for a diverse range of applications are manufactured at facilities in Germany and abroad. Annual production exceeds 100,000 tonnes. SIMONA AG is a stock corporation listed in the General Standard. The company's registered office is in Kirn, Rhineland-Palatinate (Germany).

Sample copy appreciated.