

TIVAR® ICE

The New Reference In Sliding Applications – Ice Rinks



TRENDS

Ice skating is no longer a fun activity dependent on location or seasonal conditions, conditions which support maintaining the ice. People want to enjoy skating almost anywhere, indoors or outdoors, in traditional spots like in the city or countryside, or more exotic or even tropical places like at the beach or in the desert.

Set-up and maintenance costs of an ice skating rink is costly combined with high energy consumption, especially on short-term or temporary installations such as at fun fairs or markets.

Synthetic skating rink floor linings are easier to install, to service and a reusable solution. Eliminated energy consumption, long product lifetime and recyclable material make it a highly environmentally friendly alternative to traditional ice skating rink materials.

QUADRANT ANSWERS

Quadrant developed TIVAR® ICE, a Polyethylene material grade with optimal and durable sliding properties for skating rinks. A unique pressing process of raw materials and an integrated lubricant grants this product auto lubricant qualities which exceed other synthetics and eliminate the need to add external lubrication.

Skating rinks lined with TIVAR® ICE can be operational 365 days a year, all day long, independent of weather or temperature conditions.

CUSTOMER BENEFITS

- Significantly improved sliding comfort due to surface hardness, up to 55 %* better
- Eliminated energy consumption
- Long product lifetime; reusable and recyclable material
- Saves time and costs (reduced maintenance; auto lubricant properties; no compulsory watering with e.g. water, glycol)
- Easy to clean with regular (“green”) agents



QUADRANT

You inspire ... we materialize®

TIVAR® ICE - MAIN CHARACTERISTICS

Based on a premium pressing process of virgin raw material

- Excellent surface conditions
- Extraordinary sliding comfort vs. traditional synthetic materials
- UV stable for outdoor use
- Very good abrasion resistance
- Optimal resistance to notches
- Very high impact resistance
- Internal strainless and without deformation

TIVAR® ICE sheets are available in 1 x 2 meters or 1 x 1 meter as standard sizes.

Virtually any size can be produced on request (up to 2 x 6 meters).

Please contact us with your needs.

Learn more online at
www.quadrantplastics.com

Quadrant has extensive product and machining resources available online. Our website is a portal to a wealth of technical data and the easiest way to engage our application specialists. Our team stands ready to help offer solutions to your toughest problems.

Distributed by:

* Quadrant internal material test 11/2009

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