

## DASHER BOARDS

Can easily be used for recreational and professional skating and indoor applications. It is also highly suitable for mobile rinks, since it can easily be assembled and disassembled.

Frame and supporters: metal zinc construction with concrete weights  
Wall: PE-HD-sheet (8-12mm, white)



## REFERENCES

**FUNICE** has already been successfully installed in several countries throughout Europe and Asia.

### Permanent rinks

- Gozd, Poland (400 m<sup>2</sup>), 2008
- Ostrowiec Swietokrzyski, Poland (400 m<sup>2</sup>), 2008
- Starachowice, Poland (400 m<sup>2</sup>), 2008
- Bottrop, Germany (800 m<sup>2</sup> and 400 m<sup>2</sup>), 2009
- St. Pölten, Austria (ca. 350 m<sup>2</sup>), 2010
- Emmen, Switzerland (460 m<sup>2</sup>), 2010
- Weitling, Austria (86 m<sup>2</sup>), 2011
- Zugerberg, Switzerland (600 m<sup>2</sup>), 2011
- Ashgabad, Turkmenistan (800 m<sup>2</sup>) 2011, (340 m<sup>2</sup>), 2012
- Winterberg, Germany (380m<sup>2</sup>), 2013
- Bratislava, Slovakia (500m<sup>2</sup>), 2014
- Dorohoi, Romania (308m<sup>2</sup>), 2014
- Sliac, Slovakia (264m<sup>2</sup>), 2015
- Guangzhou, China (200m<sup>2</sup>), 2017
- Turkey (over 7500m<sup>2</sup> for more than 60 projects; schools, public rinks), 2014-2017

### Temporary rinks

- Zagreb, Croatia (ø round 12 m), 2005
- Rijeka, Croatia (400 m<sup>2</sup>), 2005
- Velenje, Slovenia (400 m<sup>2</sup>), 2005
- Ljubljana, Slovenia (200 m<sup>2</sup>), 2008
- Bovec, Slovenia (106 m<sup>2</sup>), 2011
- Ashgabad, Turkmenistan (340 m<sup>2</sup>), 2011
- Zreče, Slovenia (215m<sup>2</sup>), 2014
- Rogaška Slatina, Slovenia (160m<sup>2</sup>), 2016
- Slovenske Konjice, Slovenia (220m<sup>2</sup>), 2013-2017

### Special application

- Hockey shooting zones, hockey training areas
- Hockey treadmill gliding elements
- Curling synthetic ice track
- Bob track finish area (Winterberg, 2013)
- Surface for sensory fields/computer software tracking area (Bad Aibling, 2013)

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• No reproduction of panel photographs, drawings or images is permitted without the prior written approval of Isokon.  
• The information contained herein is based on current knowledge and does not guarantee properties or performance under all conditions. Refer to Isokon General terms of Business 2017.  
• The panel is made from material with high compressive strength with excellent gliding properties.  
• Advice should be sought from competent project engineers.

# FUNICE

## SYNTHETIC ICE PANELS

FUNICE ARE PRESSED PLASTIC PANELS FABRICATED FROM A SPECIAL COMPOUND AND PROVIDE GLIDING PROPERTIES MOST SIMILAR TO NATURAL ICE. THESE PANELS REPRESENT A VIABLE ALTERNATIVE TO ARTIFICIAL ICE-RINKS, MAKING ICE-SKATING POSSIBLE ALMOST ANYWHERE, AT ANY TIME.



### Dimensions\*

- Height: 1070 mm
- Players' gate width: 700 mm
- Top sill 12 mm made of blue PE500
- Kick protection plate 10-15 mm made of yellow PE500

\* Upon request, dimensions can be varied

Standard design of our dasher boards are either rounded corners with a radius of 7.65 m or right-angled corners. On demand we can produce also other designs and shapes.

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**ISOKON**  
INNOVATIVE PLASTICS SOLUTIONS

## ABOUT US

We are a mid-sized Slovenian and European company with more than 40 years experience in the field of technical plastics.

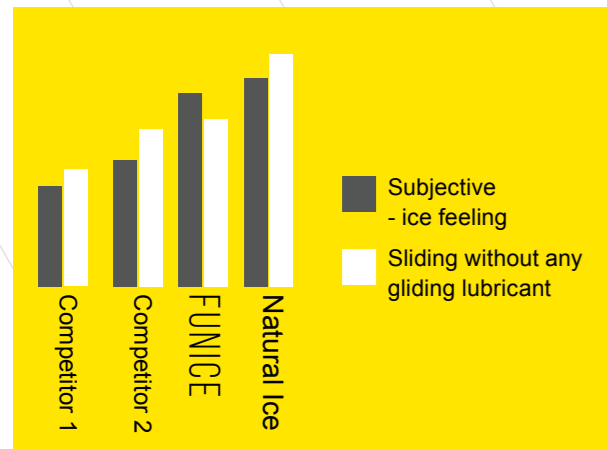
We have factory plant and equipment that has been dedicated to making synthetic ice panels. Our own R&D team provides design innovation and quality with excellent gliding properties.

## KEY BENEFITS

- Better gliding properties than any competitor's product
- No need to apply a gliding solution → skating on a dry, clean surface!
- Our products' gliding properties are most similar to natural ice
- Full service
- Engineering and project planning
- Installation
- Turnkey projects
- Surface renewal
- Ice skating is possible 365 days a year!
- Indoor and outdoor usage
- Suitable for fixed and mobile ice skating rinks due to its simple and quick installation
- Low cost of ownership, no water and electricity are needed
- Simple maintenance

### Vast experience

- More than 60,000 m<sup>2</sup> of panels successfully installed



## ABOUT THE MATERIAL

Our FUNICE panels are fabricated from the base material specially selected and tested HMWPE which is compounded with special synthetic additives in order to provide enhanced gliding properties without requiring the additional application of a gliding lubricant, since the panels are self-lubricating.

Technical data		
Material: KOTERM 500 HMWPE		
	Norm	Value
Density		0.95 g /cm <sup>3</sup>
Coefficient of linear expansion *	DIN 53752	1.5 <sup>2</sup> x 10 <sup>-4</sup> K <sup>-1</sup>
Impact strength (CHARPY)	ISO 179	No break

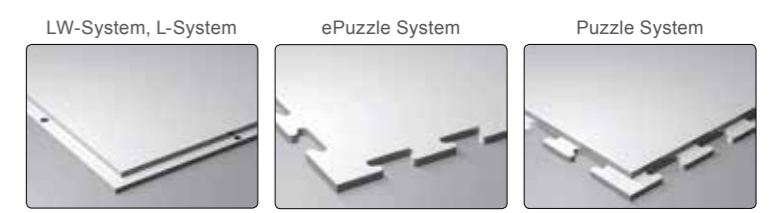
Panel dimensions		
Standard rink dimensions [m]**		
Thickness*** [mm]	Size [mm]	Assembly System
10, 13	1170 x 1170	ePuzzle System
15, 19, 23	1170 x 1170	Puzzle System
18, 20	1200 x 2000 or 1000 x 2000	LW-System, L-System

\* Panels can resist more than 50°C

\*\* Different dimensions and special shapes upon request

\*\*\*Different thicknesses available upon request

### Connecting Systems available



### LOGO SKATING PANELS

- Personalized multi color logos
- For logos needed on skating panels and kick plates
- Printed and double pressed option

We are especially proud of the excellent gliding properties of our Premium-Generation, which has the best gliding properties of all synthetic ice panels available on the market.