

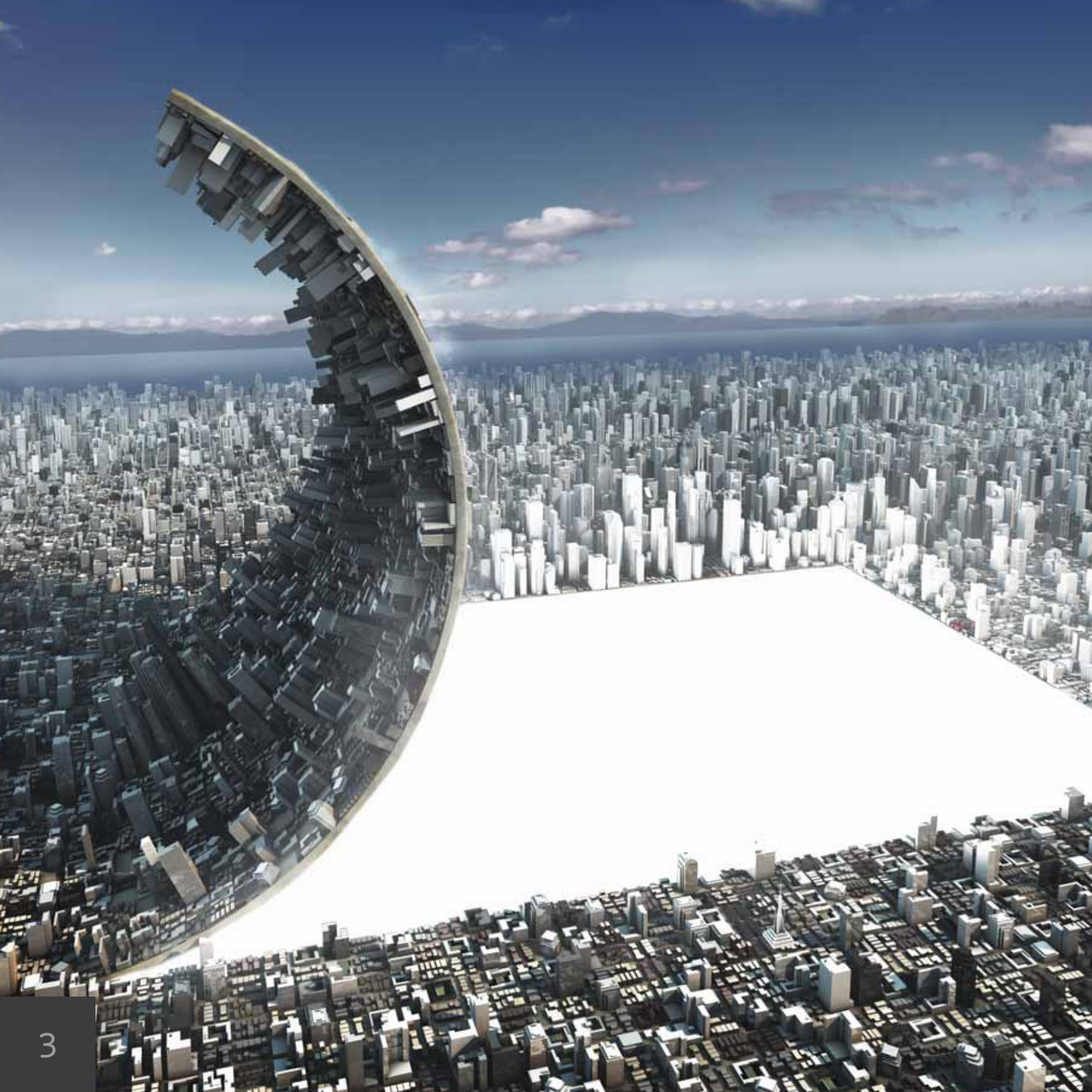
OUR POPUPS

TYPES OF SURFACE

Any surface for year-round
or seasonal use
for mobile and permanent structures

A surface suitable for outdoor
and indoor use
using the unique HUPRO® system

Most often, customers ask for
an artificial ice rink,
a synthetic surface for inline hockey, floorball, etc.
synthetic football grass



OUR POPUPS

„Find a site
for a multifunctional
sports hall!“

„Or at least build us
a Pop-up!“



MOBILE ICE RINKS

Mobile ice rinks **with guaranteed professional quality** of the ice surface and multipurpose surfaces

In cities, winter sports stadiums are often completely taken up by sports clubs and lack **opportunities for** other sporting and leisure **activities for families with children**, teenagers and active people who are not club members.

In smaller towns, the planning of any winter sports facilities and activities often relies on the positive outcome of „if our lake freezes over this year or not...“.

Professional and leisure skating **is possible anywhere** on good-quality natural ice up to **an outside temperature of 15°C**.

Do you have a flat surface with an electricity connection and water supply?

If so, we can provide you with a multipurpose ice rink with natural ice **within a few days**. **Our mobile ice rinks** and sports fields, including a full range of optional accessories for summer and winter sports activities, are here for you.

Mobile ice rinks can be built on any flat outdoor or indoor surface for which there is temporarily no other use such as a tennis or volleyball court, a parking lot, an unused concrete area, a disused hall, etc.

Our mobile ice rinks **can be operated** up to 15° C in full sun, which can often mean **more than six months of use**.

Sometimes, it is simply not possible to put up a multifunctional sports hall, which is where **our Pop-up** playing fields come in.

Our ICE H[®] systems

Quick installation, durability and mobility, excellent price-quality ratio, efficient to run.

Our ICE H[®] system is an alternative to the classic system used for the construction of **multifunctional** or **mobile** ice rinks.

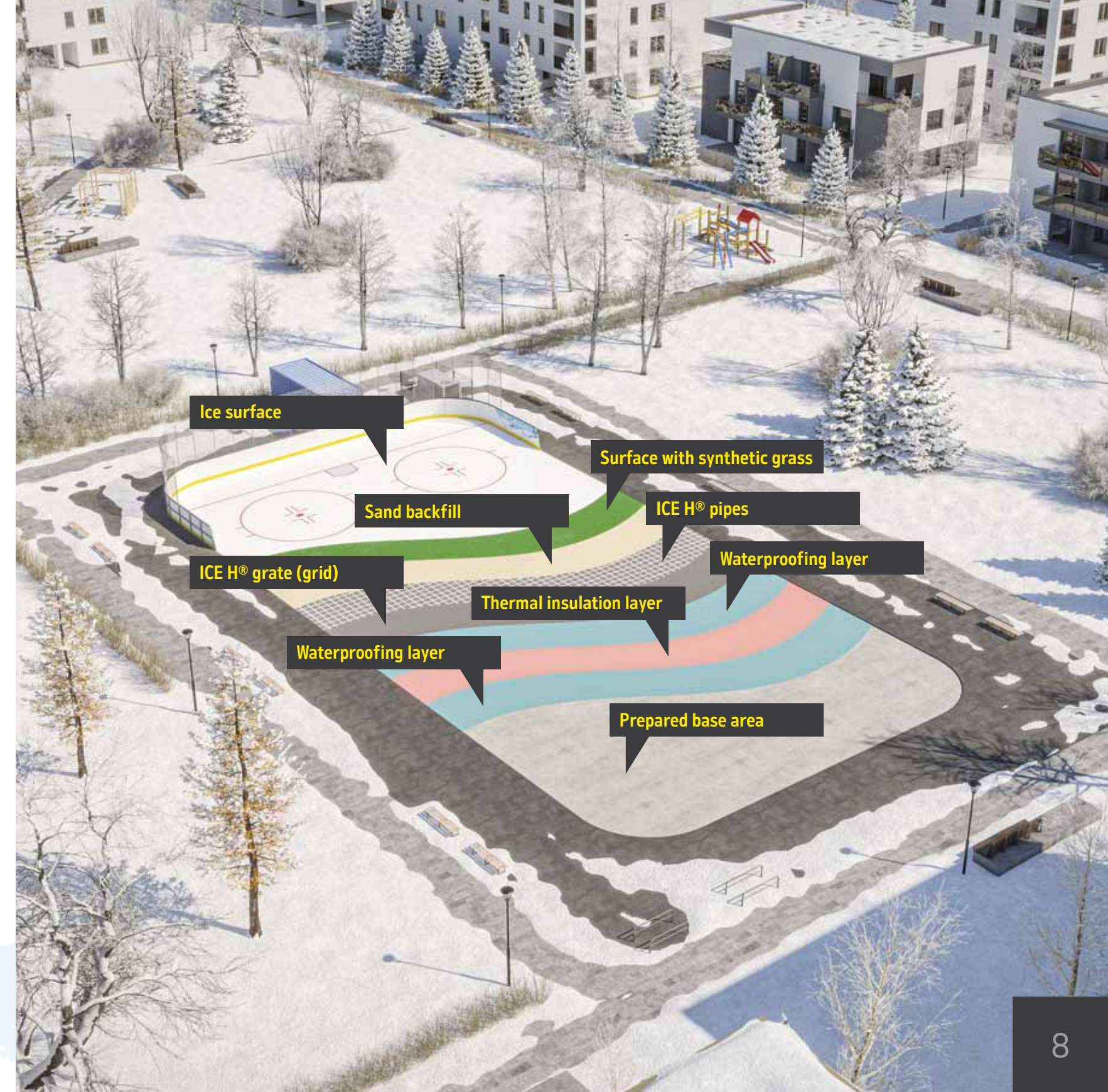
The ICE H[®] system **reduces energy** consumption and **extends the life** of the cooling system. It uses a plastic grate for multifunctional or a rail mounting system for mobile sports fields. The grooves in the grate contain a corrugated polypropylene pipe.

The ICE H[®] grate can withstand **significant loads**.

Ice is formed by spraying water directly onto the grate with pipes.

The inside of the grate can be filled with sand and topped with a layer of synthetic grass or a special plastic surface, depending on the type of sport.

Or it can be flooded with water to form an ice surface.



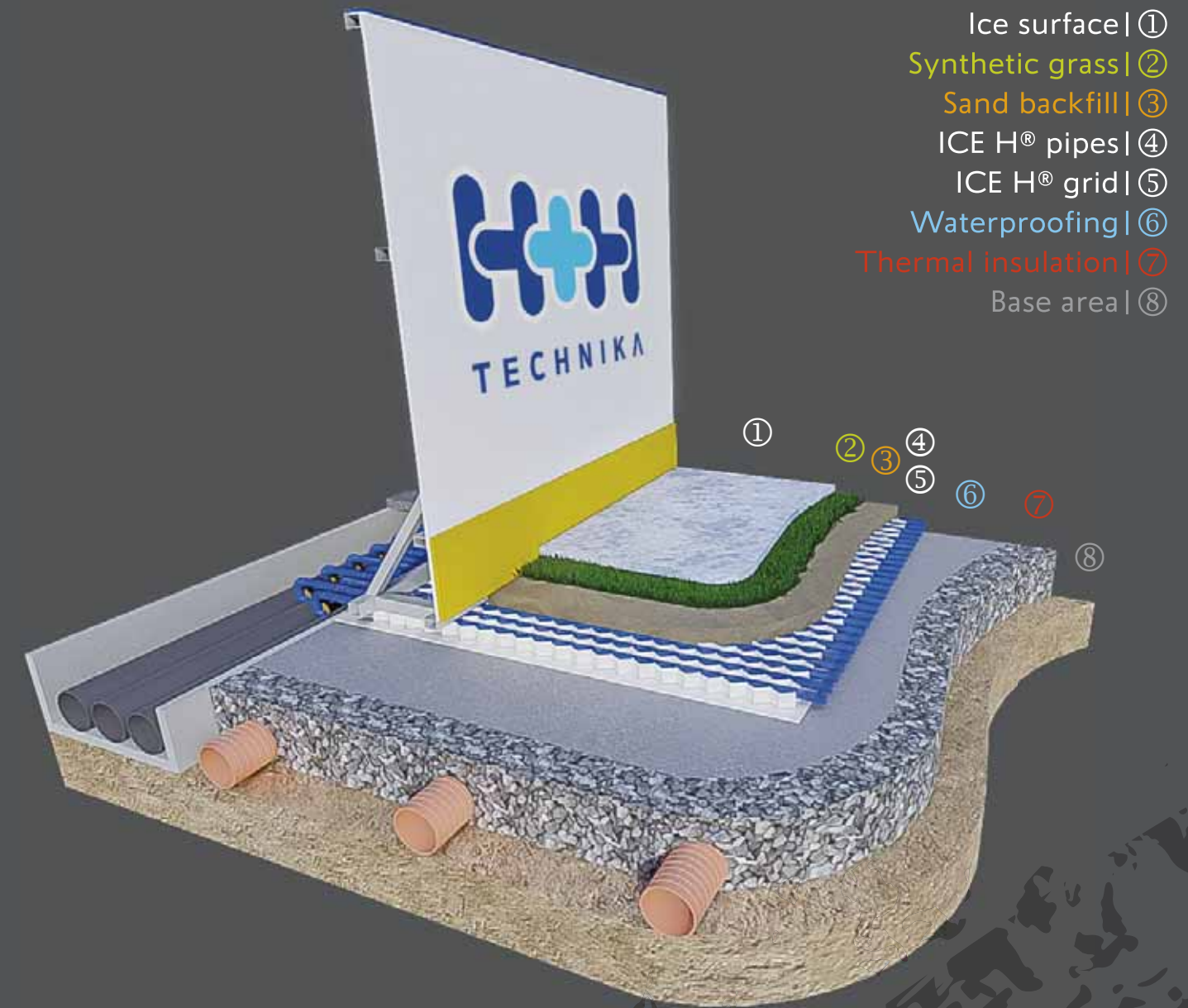
Other advantages of the ICE H[®] systems

We only use **eco friendly cooling media**. Your winter fun is therefore completely in line with the principles of environmental protection.

The ribbed surface of the pipes triples the heat exchange area, increases the heat/cold transfer and the efficiency of the entire cooling system, thus significantly **reducing energy consumption**.

The rail mounting system is the best choice **for mobile ice rinks**. It ensures perfect static fixation of refrigerant pipes over the entire ice surface. The main advantages are fast installation and mobility.

The plastic system grate is primarily designed **for multifunctional sports fields** and offers a perfect fit and ultimate protection of the cooling pipes. The advantages include versatility of use, high strength allowing for heavy plant taxiing, short installation time, durability and mobility.





MULTIFUNCTIONAL ARENAS

Permanent and mobile structures

The ICE H® technology used in the construction of multifunctional arenas can be used for a variety of sports and fun events any time of the year.

In the autumn-winter-spring period the arena is mostly used as an ice rink, and in the summer as a sports and games pitch.

When defrosting the system at the end of the season, you don't have to dismantle the grates and pipes. Simply cover the grate and ICE H® pipes with a special STILMAT plastic surface or backfill the grate with sand and cover with artificial turf.



Unique HUPRO® SYSTEM

Covering a permanent structure with a **self-supporting arch**

Covering an area between **9 and 50 m** wide without a supporting structure. A cost-efficient 2-in-1 system.

The materials we use guarantee maximum resistance to weather and chemical effects. **Up to 30 years** warranty.

The climatic load of the HUPRO® system is **up to 600 kg/m²**.

Active ventilation will prevent excessive humidity and condensation in insulated and uninsulated halls. It will also prevent overheating of the insulation and indoor spaces in the warm summer months.

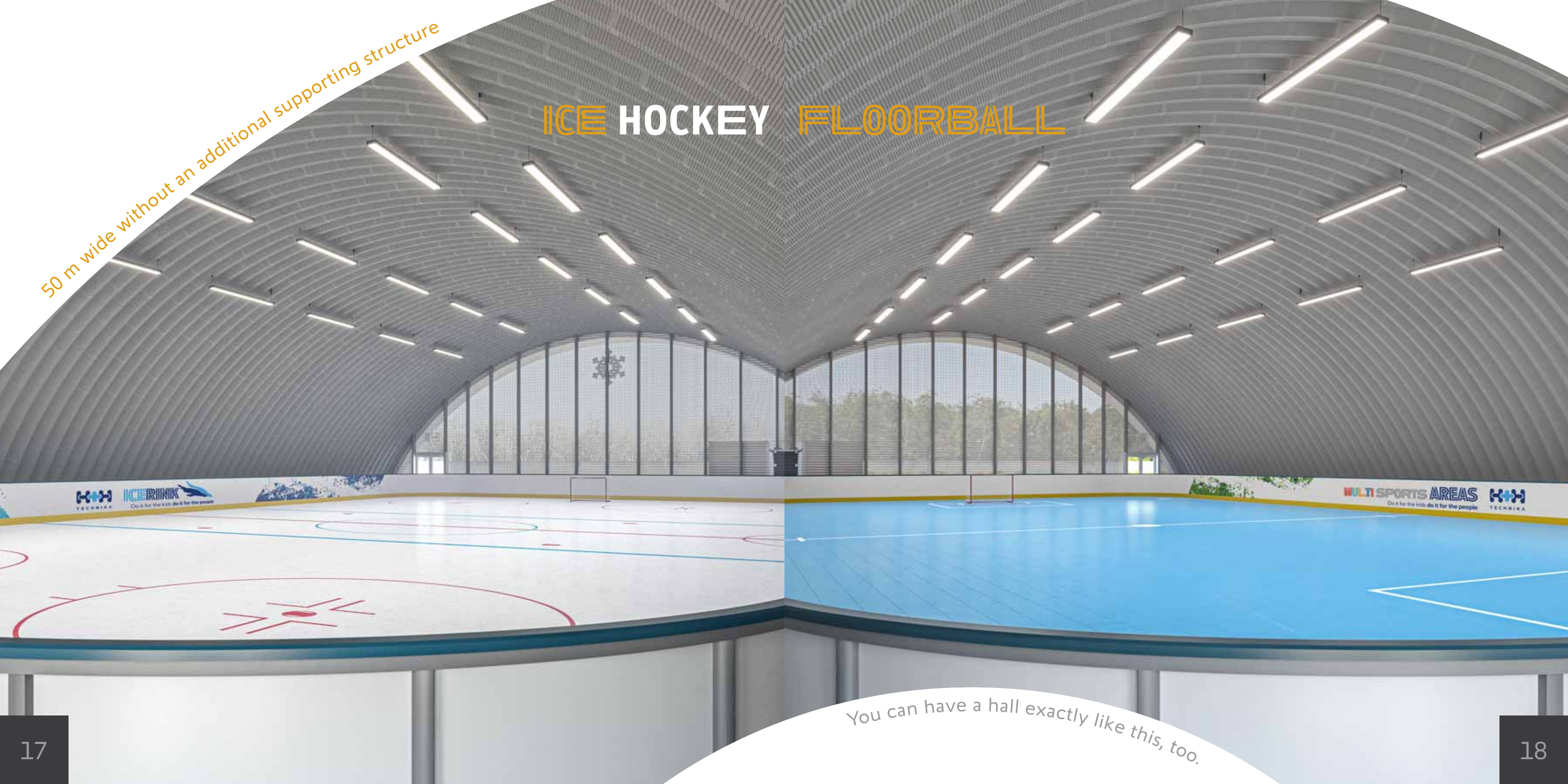
Thermal insulation is dependent on the insulating material's thickness, fire resistance, acoustic and interior design.

The hall is illuminated by transparent segments, skylights and translucent strips.



50 m wide without an additional supporting structure

ICE HOCKEY FLOORBALL



You can have a hall exactly like this, too.

STILMAT plastic surfaces

Inline surfaces for world champions and school kids alike

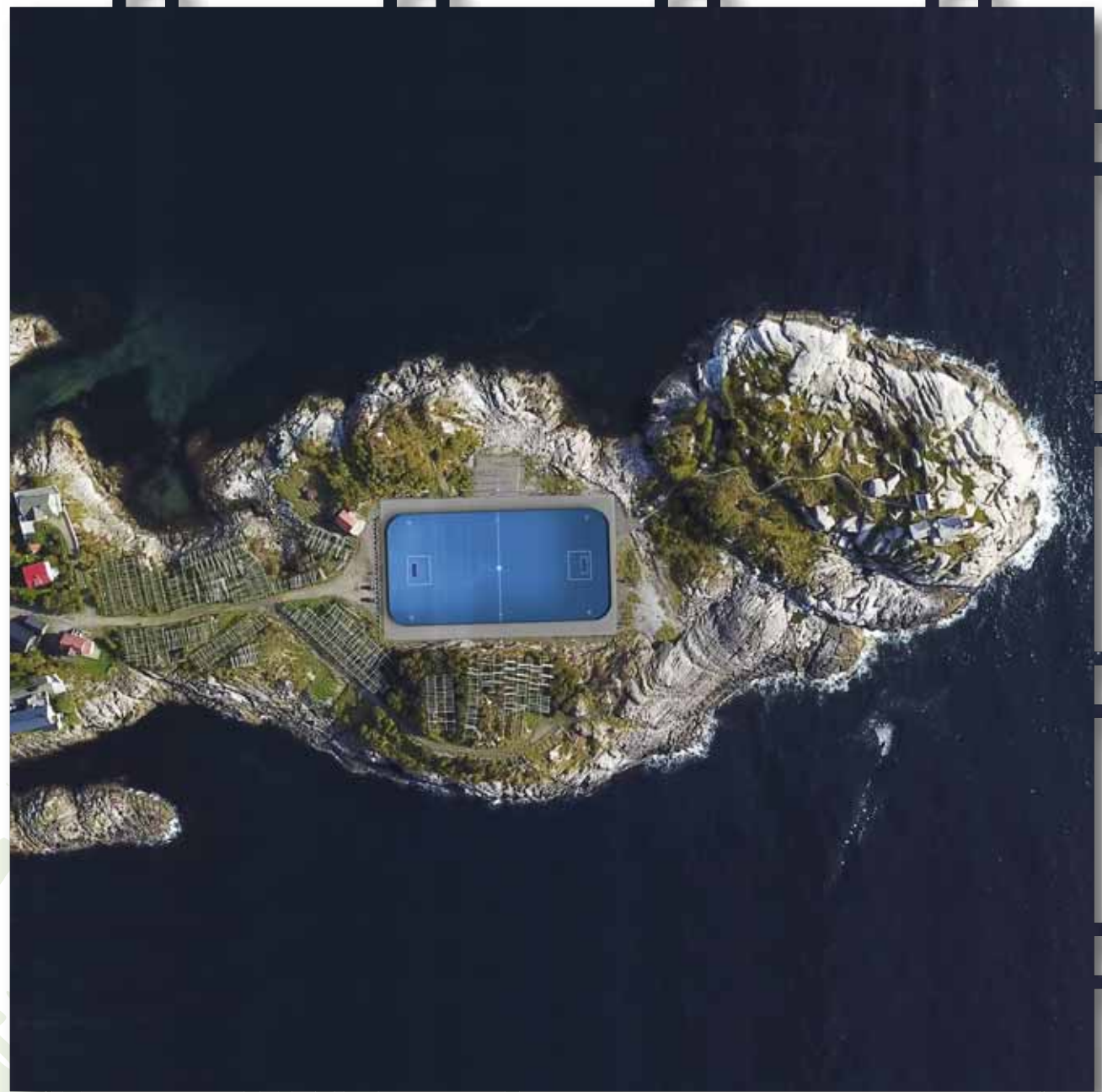
33x33 cm polypropylene tiles for indoor and outdoor inline hockey pitches and other sports.

The tiles are made of special polypropylene blends and are **highly durable**. Interlocking for **quick assembly and dismantling**.

STILMAT is the only company that produces plastic squares **in a matt finish**. This makes for **better player experience** by eliminating annoying reflections on tile surfaces caused by camera flashes, camcorders and sunlight.

Since 2003, STILMAT has been supplying materials for pitches used at the **World Inline Hockey Championships** organised by the FIRS World Skate Federation and other international competitions and sports exhibitions.





Even Northerners use STILMAT squares now.



10 out of 9 penguins recommend „Our Pop-ups“ with a STILMAT surface.

MOBILE ARENAS

Mobile buildings with a multifunctional surface

The ICE H® technology is used in the construction of mobile ice arenas of any size and configuration. It can be used in the construction of temporary winter sports stadiums as well as ice slopes and vertical surfaces made of ice.

Easy to assemble and dismantle. Allows for easy storage and transport of components.

The main advantage is that the arenas can be placed on any flat or uneven surface in a short period of time. The ice arenas come in various shapes and sizes and can be tailored to the customer's requirements.



OUR **POPUPS**
Do it for the kids do it for the people

TECHNIKA



ICE RESURFACING

Depending on the size of the ice rink, we offer these machines **for sale and hire**

BIG COMPACT

up to **1500 m²** of ice surface

Compact's dimensions and weight make it ideal for use on mobile ice rinks.

Little BIG PENGUINO

up to **800 m²** of ice surface

Penguino is the first machine of this size (3x2 m) that can resurface ice effectively. Its unique feature is the front driver's seat.

MULTIROL trailer for a small tractor

up to **500 m²** of ice surface

Multirol is a machine for the preparation of the smallest of ice surfaces. Where the big boys fail, Multirol comes out to play.



Standard ACCESSORIES

To ensure **the successful** operation of the ice rink

Boards that can double up as advertising space

Rubber walking belts around the boards

Protective nets, including framework

Changing benches

Skate dryers and disinfectants

Skates, helmets, skating aids for little ones ...

Optional ACCESSORIES

To make for an even **smoother** operation of the ice rink

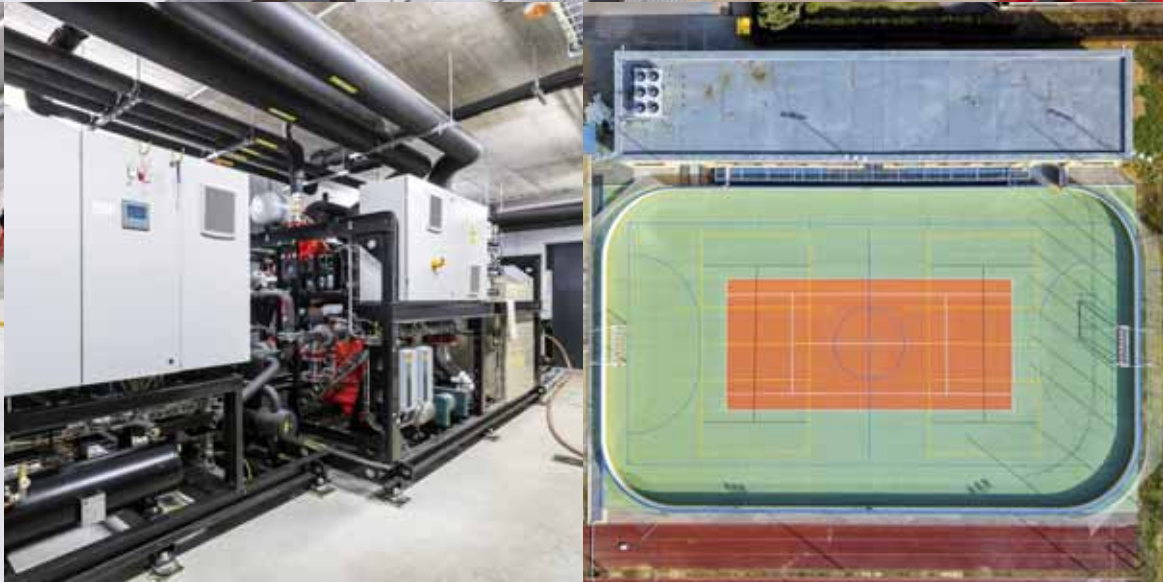
Large scoreboards/multimedia presentations

Stage lighting

Ice lighting

Sound system ...





OUR COMPANY

Twenty years' worth of professional experience

H+H Technika supplies **comprehensive technology** solutions for ice rinks, mobile ice rinks and multifunctional sports fields. Some of the more **significant projects** we have completed so far include the Astana and Aktobe winter sports stadiums in Kazakhstan, the Bruck an der Leitha stadium in Austria, ICERINK Padok in Prague, the winter sports stadiums in Bratislava and Zvolen, Pilsen, Telč, Vyškov, Kuřim, Bystřice nad Pernštejnem, etc.

The idea of creating sports facilities for year-round use, with a special focus on winter sports on ice, came from **our many years of experience** with the construction and reconstruction of winter sports stadiums **in our country and abroad**. The suggestion of an additional sports facility was always very welcome and appreciated.

THIS IS NOW A THING OF THE PAST



Discover a new World or Olympic Champion among them!

OUR POPUPS 

„We are here so that kids don't have to wait for a lake to freeze over!“

„Do you want to do something to help them?“

SUPPORTING SPORT LOCALLY

In the town of Bystřice nad Pernštejnem
in the Vysočina region, we promote sports
by operating the winter sports stadium.

It is a thriving venue for sports clubs,
with members of all ages.

MULTI SPORTS AREAS
Do it for the kids **do it for the people**

H+H
TECHNIKA



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