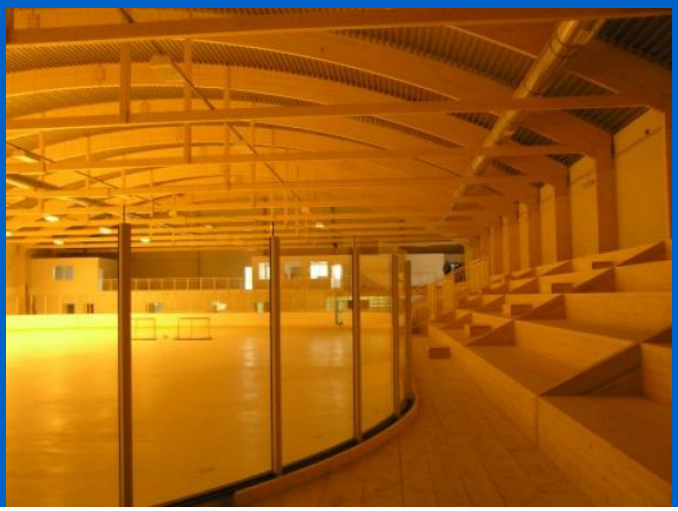
References

Ice-rink in Pesterzsébet



Uponor involvement

1800

Ice-rink in Pesterzsébet

The facility is located in district XX. of Budapest, at Zodony street 1., in the area near the Gubacsi bridge and the Helsinki road, in the vicinity of the Gubacsi residential block and the Mediterrán subdivision.

Project Facts:

Location	Completion	
Budapest, Hungary	2006	
Building Type	**Product systems**	
Sports facilities	Radiant Heating & Cooling	
Address	**Website**	**Project Type**
Zodony u. 1.	http://www.erzsebetjegcsarnok.hu/	New building

Partners

investor
Hidropont Kft

developer
Önkormányzat XXII. kerület

contractor
Hidropont Kft

On older maps Zodony street can be found as the extension of Téglaégető street. In the facility built by a Finnish design, 1,000 seats or 1,500 standing places serve the spectators. Two large and two small dressing-rooms serve the sportsmen. The size of the ice-rink is 60 by 30 meters, which is the size of the international standard hockey rink.

Sports first and foremost

The ice-rink is in district XX. of the capital, in Pesterzsébet. The size of the ice-rink is 60 by 30 meters, which is the size of the international standard hockey rink. In the concrete layer under the ice, Uponor Meltaway system has been installed. Pipes are installed 80 mm from each other, fastened to the steel structure by plastic clamps. After laying down the pipes, a pressure test was carried out, then concrete layer was poured, maintaining 2 bar pressure in the pipes. The slope of the rink is less, than 30 mm, waviness of the concrete is below 6 mm. This provides for the uniform thickness and high quality of the ice. The concrete layer is cooled down to below 0 degrees Celsius by circulating ethylene glycol in the Uponor pipes. The interesting feature of the project is that under the insulating layer, there is a conservation de-icing sand layer, which is kept on a temperature a few degrees above 0 Celsius, by another Uponor Meltaway system. With the two Uponor systems ideal circumstances can be provided to the sportsmen all year round.

Ice-rink in Pesterzsébet

uponor

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