

Illovszky Rudolf Stadium

History of the project

The Stadium Rudolf Illowszky, inaugurated in 1960, was demolished in 2016 to upgrade its capacity from 3000 to 5000 people. Nowadays it is a multiuse space mostly used for football matches being the home stadium of Vasas SC.

For this project, 4940 m² of 316L stainless steel mesh were applied. The model was Eiffel 4050, 6.5 kg/m² weight, 48% open area and 8 m maximum width. This model of stainless steel mesh suits this particular building geometry.



| Illovszky Rudolf Stadium. Picture © Palkó György.



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Why was stainless steel chosen?

The stainless steel used with this wire mesh stands out for its strength and durability, ensuring a long service life and minimal maintenance. In addition, its shiny, polished finish adds a touch of elegance and sophistication to any building.

Night lighting is one of the highlights of this façade. Thanks to the metal mesh, different lighting effects can be created, from subtle sparkles to intense plays of light and shadow. This allows the architectural details of the building to be highlighted and creates a unique and captivating atmosphere.

Category:	Sports and leisure
Location:	Budapest, Hungary
Environment:	urban
Use:	metal cladding for façade
Material:	Flexible mesh of stainless steel AISI 316L in natural finish
Material quantity:	4940 m ²
Architect:	Bim Design Hungary
Fabricator:	Constructors: Market Építő Zrt. and KÉSZ Építő Zrt
Manufacturer:	Metal mesh: Codina Architectural
Photographs:	Palkó György
More information:	cedinox.es codinaarchitectural.com

How did stainless steel contribute to the sustainability of the structure?

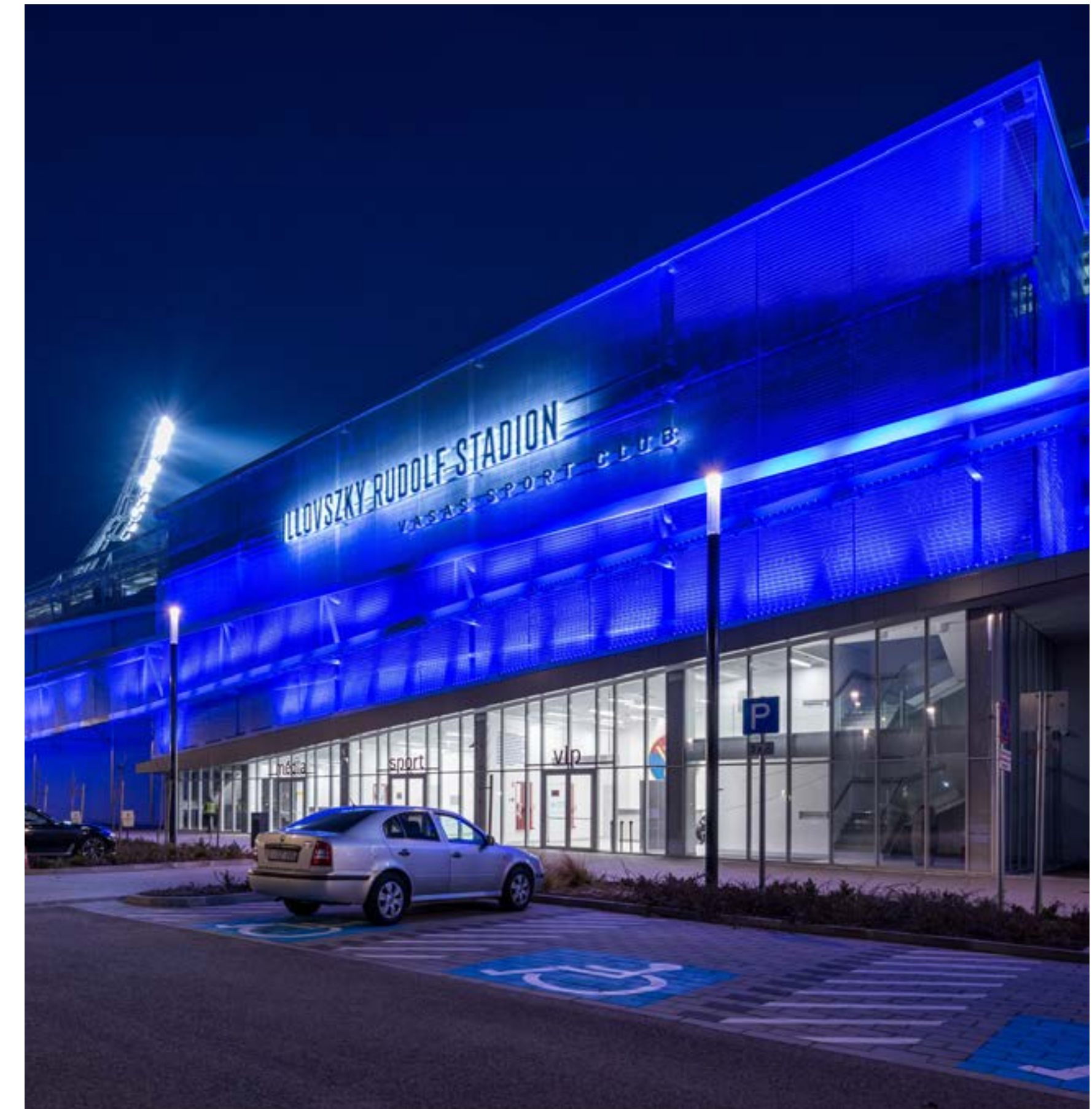
It is a material highlighted by its high sustainability, as it has a long service life and requires little or no maintenance. In addition, it is 100% recyclable at the end of its useful life, with an average recycling rate of between 60% and almost 90%. Its production generates minimal levels of CO₂ and other emissions.



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