

Project Report/July 2026



StoCretec Integrated Flooring Concept for the Multi-Storey Car Park at ELES Beričevo Technology Centre

The ELES Technology Centre Beričevo is the central technology and operations hub of ELES, Slovenia's electricity transmission system operator. It is located near Ljubljana, Slovenia.

This state-of-the-art control and analysis centre is dedicated to the operation and maintenance of the Slovenian electricity transmission system. It serves as the key facility from which ELES monitors, controls and safeguards the country's entire power transmission network.

For the integrated two-storey car park within the building complex, including adjoining technical plant rooms and a stairwell, the project team developed a comprehensive flooring concept tailored to the various areas of use. The proven **StoFloor Traffic WL 100** and **StoFloor Traffic BB OS**

system solutions, which have demonstrated their performance over decades, were specified and applied throughout the project.

The **StoFloor Traffic WL 100** system for traffic areas was selected for the ground-bearing floor slab in the basement level. Its water-based formulation allows residual moisture to diffuse out of the substrate, preventing blistering and debonding of the coating. This ensures long-term waterproof performance and reliable protection of the building structure. This property is particularly beneficial where floor slabs may be waterproofed less than optimal. With its classification as “limited combustibility”, the system also meets the fire protection requirements for the building.

For the 850 square meter first floor area of the car park, **StoFloor Traffic BB OS** was selected, a system specifically designed for robustness and exceptional wear resistance. Its broadcast finish also provides enhanced slip resistance, ensuring a high level of safety even in wet conditions.

For the stairwells and technical plant rooms, covering a total area of approximately 1,600 square metres, the project team chose the tried-and-tested epoxy resin water-based coating **StoPox WL 100**. The system provides a durable, abrasion-resistant and easy-to-clean surface.

The combination of these StoCretec coating systems resulted in a fully integrated and technically sophisticated flooring concept, designed to deliver long-term cost efficiency, minimise risk and provide lasting protection of the building fabric.

Further information on our [StoFloor Traffic WL 100](#) and [StoFloor Traffic BB OS](#) coating systems for traffic areas is available through the links shown here on our StoCretec website.

Who & What

Name of the reference:	Eles Bericevo multi-storey car park, Ljubljana, SI		
Building owner:	Tehnološko središče ELES Beričevo, Dol pri Ljubljani, SI		
Location:	Ljubljana, SI		
Realisation:	10/2021		
StoCretec proficiency:	Multi-story car park: ground floor		
	StoFloor Traffic WL 100		
	Primer	StoPox WG 100	
	Levelling coat	StoPox WG 100	

Coating	StoPox WG 100
Sealing coat	StoPox WL 100 with StoQuarz 0,1 - 0,5 mm

First floor

StoFloor Traffic BB OS

Primer	StoPox GH 530
Levelling coat	StoPox GH 530 with StoQuarz 0,3 - 0,8 mm
Broadcasting	StoQuarz 0,1 - 0,5 mm
Coating	StoPox BB OS

Technical plant rooms

Coating	StoPox WL 100 two layers
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Landing of stairwell coating

Coating	StoPox WL 100 two layers
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Specialised trade: E.P.S. inženiring d.o.o., Vodice, SI

Photos: Robert Les, Zagreb, HR











