
Project Report/November 2025

Decorative industrial floor coatings for recreational facility Misina TetőPont, Hungary

Built in 1973, the Pécs TV Tower rises 197 metres from the Misina ridge, part of the Mecsek Mountains in southern Hungary. The tower is a popular destination thanks to its observation deck. The adjacent building has now re-opened after extensive modernisation and refurbishment work as "Misina TetőPont," a family and recreational sports facility. Spread across several levels, it offers a tourist information centre, a café, community rooms, and rental and retail opportunities for hiking and cycling equipment. The architectural firm AU.ROOM received the Big See Architecture Award 2024 for the overall project.

At the start of the refurbishing work, the existing floor surfaces had to be prepared and newly levelled. This was no problem using **StoCrete VM 640**, the cementitious self-levelling mortar. StoCrete VM 640 is excellently self-levelling and adheres very well to the mineral substrate. This allowed the affected areas to be levelled quickly.

For the floor coating in areas of the café, the corridors, changing rooms, and restrooms, the project team decided upon **StoFloor Industry BB OS**. This extremely robust and durable epoxy resin system found a highly decorative and individual application here. The pale green (RAL 6021) and grey (RAL 7032) colour scheme, combined with the decorative black and white Sto-Chips (3 mm) aggregate, created an attractive and welcoming surface appearance that blends seamlessly into the recreational area – including slip resistance class R9. This tough all-rounder thus combines high demands for durability and resistance with a premium look in a high-traffic area open to the public.

For the stairwell, the **StoFloor Industry WL 100** sealing system was used. Here, too, the pale green appearance is present. In addition to the StoChips, 1.5 % Sto Ballotini solid glass beads in 75-150 µm were incorporated to increase the slip resistance classification on the stairs to R11. The system offers excellent light fastness and it is also suitable for substrates exposed to rising damp. This robust, water-based coating system can be applied on floors, walls, and

ceilings. It is low-emission*, benzyl alcohol- and nonylphenol-free, and it is available in a large number of individual colour shades.

Properties of **StoFloor Industry BB OS**

- StoCretec EP coating build-up
- For universal application
- High mechanical and chemical resistance
- For commercially used and public hall areas
- For storage areas, laboratories, cleanrooms, production areas of the food-processing industry and automotive industry as well as their suppliers
- Very good water vapour permeability
- CSM cleanroom classification Fraunhofer Institute IPA
- FDA-tested in accordance with 21 CFR § 175.300
- Limited combustibility system build-up (EN 13501-1)
- Low-emission*
- Radon-tight in accordance with IAF measurement (Radeberg, DE)
- Very good ease of decontamination (DIN 25415-1)
- In accordance with EN 1504-2 and EN 13813
- Various test certificates regarding slip resistance available
- Tested system build-up with voluntary external monitoring
- Large number of long-term references
- Colour spectrum: RAL colour fan K 5, StoColor System, NCS, others

Properties of **StoFloor Industry WL 100**

- StoCretec EP sealing system
- For floor, wall and ceiling areas
- For public and commercially-used areas
- For laboratories, cleanrooms, parking and traffic areas, production areas in the food-processing industry
- Tested for rising damp (RILI-SIB/DAfStb**)
- Very good ease of decontamination (DIN 25415-1)

- Very good water vapour permeability
- Low-emission*, free from benzyl alcohol and nonylphenol (TUEV Sued)
- CSM cleanroom qualification Fraunhofer Institute IPA
- FDA-tested in accordance with 21 CFR § 175.300
- Limited combustibility system build-up
- In accordance with EN 1504-2 and EN 13813
- Colour spectrum: RAL colour fan K5, StoColor System, NCS and others on request, transparent version available
- Large number of long-term references

Properties of **StoCrete VM 640**

- StoCretec self-levelling mortar, cementitious
- As floor coating for roofed commercial areas in industrial use
- Very good self-levelling properties
- Very good adhesion to the substrate
- In accordance with EN 13813
- Non-combustible A1 (floor) in accordance with 96/603/EC
- Pumping and conveying by machine possible
- Layer thickness up to 25 mm possible
- Mechanical stress: with pneumatic rubber tyres up to 13 tonnes, solid rubber tyres up to 7,5 tonnes, and pallet trucks (polyamide tyres) up to 1,5 tonnes

*Low-emission tested in accordance with German AgBB testing criteria (AgBB = German Committee for Health-related Evaluation of Building Products)

**RILI-SIB= German Directive for Protection and Maintenance of Concrete Components; DAfStb = German Committee for Structural Concrete

Who & What

Project:	Coating of floors, walls and stairways
Investor:	Pécsi Városfejlesztési Nonprofit Zrt., Pécs, HU
Architect:	Au.Room Építész Műhely Kft., Pécs, HU

CU: Autokar Kft., Komló, HU

Applicator: Csatlós-Padló Kft., Pécs, HU

Realisation: 12/2023

StoCretec Competence: **StoFloor Industry BB OS**

Primer	StoCryl CP
Levelling coat	StoCrete VM 640
Primer	StoPox GH 205
Coating	StoPox BB OS with StoChips in 3 mm, black and white
Sealing coat	StoPur WV 200 transparent

StoFloor Industry WL 100

Primer	StoCryl CP
Levelling coat	StoCrete VM 640
Primer	StoPox WG 100
Coating	StoPox WL 100 with StoChips in 3 mm, black and white
Sealing coat	StoPur WV 200 transparent with 1,5 % Sto Ballotini 75 - 150 µm

Photos: NexGen Pictures Media, HU











