

Project Report/November 2025

StoCretec water-protecting coating for Chemark in Hungary

Founded in 1991 by Hungarian entrepreneurs, Chemark is today a leading European contract manufacturer of complex plant protection products. Chemark's extensive portfolio includes both conventional chemical crop protection products and biological alternatives, thus covering a wide range of agricultural needs.

This autumn, the company refurbished and modernised one of its secondary containment tanks located below the raw material silos at its Berhida plant. To ensure compliance with Hungary's stringent environmental safety standards, high-performance coating systems for water protection were used:

StoFloor Industry Elastic WHG Deck 100 and StoFloor Industry Elastic WHG Deck 110

The water protection systems used at Chemark are highly crack-bridging and possess very high chemical and mechanical resistance. This applies regardless of whether the industrial vehicles are equipped with polyamide, Vulkollan, or solid rubber tires. Both systems are tested and approved according to the current standards of the German Institute for Building Technology (DIBt). The epoxy resin coatings can be applied with either smooth surfaces or integrated anti-slip properties, depending on the specific requirements.

In addition to the properties mentioned above, **StoFloor Industry Elastic WHG Deck 110** offers an additional conductive intermediate layer as well as a conductive top layer. This prevents electrostatic charging when handling highly flammable media.

The StoCretec conductive WHG coating system, grounded with conductive copper tape, thus protects not only against the ingress of water-polluting substances but also additionally protects people and materials from explosions caused by electrostatic discharge.

Properties of **StoFloor Industry Elastic WHG Deck 100**

- StoCretec EP coating build-up

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- For secondary containment tanks for water-polluting fluids (LAU* areas)
 - For production areas for dealing with water-polluting fluids (HBV* areas)
 - For chemical storages, laboratories, and cleanrooms
 - High static crack-bridging ability (0,4 mm)
 - Very high chemical resistance to test and special media (Section 62 of German Federal Water Act)
 - Very high mechanical resistance
 - Can be driven on with polyamide, Vulkollan, or solid rubber tyres
 - Tested and externally monitored system build-up with German National Technical Approval
 - Various test certificates regarding slip resistance are available
 - In accordance with EN 13813
 - German National Technical Approval Z-59.12-309, DE
 - Large number of tested RAL colour shades

Properties of **StoFloor Industry Elastic WHG Deck 110**

- StoCretec EP coating build-up
- For secondary containment tanks for water-polluting fluids (LAU* areas)
- For production areas for dealing with water-polluting fluids (HBV* areas)
- For chemical storages, laboratories, and cleanrooms
- High static crack-bridging ability (0,4 mm)
- Very high chemical resistant to test and special media (Section 62 of German Federal Water Act)
- Electrically conductive
- Very high mechanical resistance
- Can be driven on with polyamide, Vulkollan, or solid rubber tyres
- Tested and externally monitored system build-up with German National Technical Approval
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*WHG German framework law for water protection, Water Resources Act (WHG) § 62 obliges everyone to prevent pollution of water bodies. LAU area: Definition for storage, filling/loading, and handling areas for water-polluting fluids. HBV area: definition for any facility for handling water-polluting substances.

Who & What

Project: Secondary containment tank for water-polluting substances

Investor: Peremarton-Chemark Zrt., Berhida, HU

Applicator: Buda Tamás E.V., Veszprém, HU

Realisation: 09/2025

StoCretec Competence: **StoFloor Industry Elastic WHG Deck 100**
Primer StoPox WHG Grund 100
Levelling coat StoPox WHG Grund 100
Coating StoPox WHG Deck 100

StoFloor Industry Elastic WHG Deck 110
Primer StoPox WHG Grund 100
Levelling coat StoPox WHG Grund 100
Conductive layer StoPox WHG Leit 110
Conductive copper tape StoDivers LB 100
Coating StoPox WHG Deck 110

Photos: Sto Építőanyag Kft., HU









