Project Report/June 2026

Surface protection for pedestrian and cycle path bridge across the Warta River

The town of Owińska is located around 15 kilometres north of Poznań in Poland. An impressive three-span cable-stayed bridge was built here as a long-needed pedestrian and cycle path across the Warta River. A special feature of the bridge, designed by Atelier Paweł Byrski, is an almost 25 metre high observation tower with triangular platforms for a panoramic view at the central pillar.

The pedestrian and cycle path crossing the imposing bridge received a durable surface protection with the **StoFloor Traffic Elastic TEP MultiTop** coating system over a total length of around 134 metres and a width of four metres.

The StoCretec system protects the walking and driving surfaces permanently and reliably against the ingress of water and water-soluble pollutants. Because of its increased dynamic bridging of cracks, the coating remains impermeable despite the vibrations caused by bridge oscillations. A large

number of long-term references testifies to the excellent wear resistance of the traffic surface system, even on exposed surfaces.

The expert applicators coated the bridge soffit and parapets with StoCryl V 200. The rigid coating protects the concrete against the penetration of water and pollutants dissolved in water. It regulates the moisture balance, penetrates well into the building substance and adheres very well to the substrate.

The extraordinary bridge is already attracting many tourists and locals who want to enjoy the panoramic view over the Warta Gorge. In addition, the construction works will be connected to the Polish Cistercian and Warta cycle paths.

Properties of **StoFloor Traffic Elastic TEP MultiTop**

- StoCretec EP floor coating for traffic areas
- Very good wear resistance
- Dynamic bridging of cracks
- Hybrid technology: combination of epoxy resin and polyurethane resin
- For open decks, intermediate decks and floor slabs in car parks
- Large number of long-term references
- Tested system structure with voluntary external monitoring
- Limited combustibility system build-up
- Colour spectrum: RAL Colour Fan K 5, StoColor System, NCS, and others
- In accordance with EN 1504-2 and EN 13813
- Certificate of Compliance in accordance with DIN V 18026
- System fulfils all performance characteristics of an OS 11a and 11b system in accordance with Table A.8 of the German TR Maintenance 2020-05

Who & What

Name of Reference:	Surface protection pedestrian and cycle path, Owińska, PL
Building owner:	Municipality of Czerwonak, PL

StoCretec [Project]

Architecture:	BIM Atelier Paweł Byrski, Krakau, PL
Location:	Owińska, PL
Realisation:	04/2025
StoCretec Competence:	Pedestrian and vehicular surface area: **StoFloor Traffic Elastic TEP MultiTop** Primer StoPox GH 530 Coating StoPox TEP MultiTop Broadcasting StoQuarz 0,6 - 1,2 mm Sealing coat StoPox DV 100 Bridge soffit and parapets: Coating StoCryl V 200
CU:	Most sp. z o.o., Sopot, PL
Specialised trade:	Floor-System, Michałówek, PL
Photos:	Sławomir Kwocz

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