

SIKA AT WORK

SŁUPCA WATER TOWER, POLAND

WATERPROOFING: Sikalastic® M 689

BUILDING TRUST



SŁUPCA WATER TOWER



PROJECT DESCRIPTION

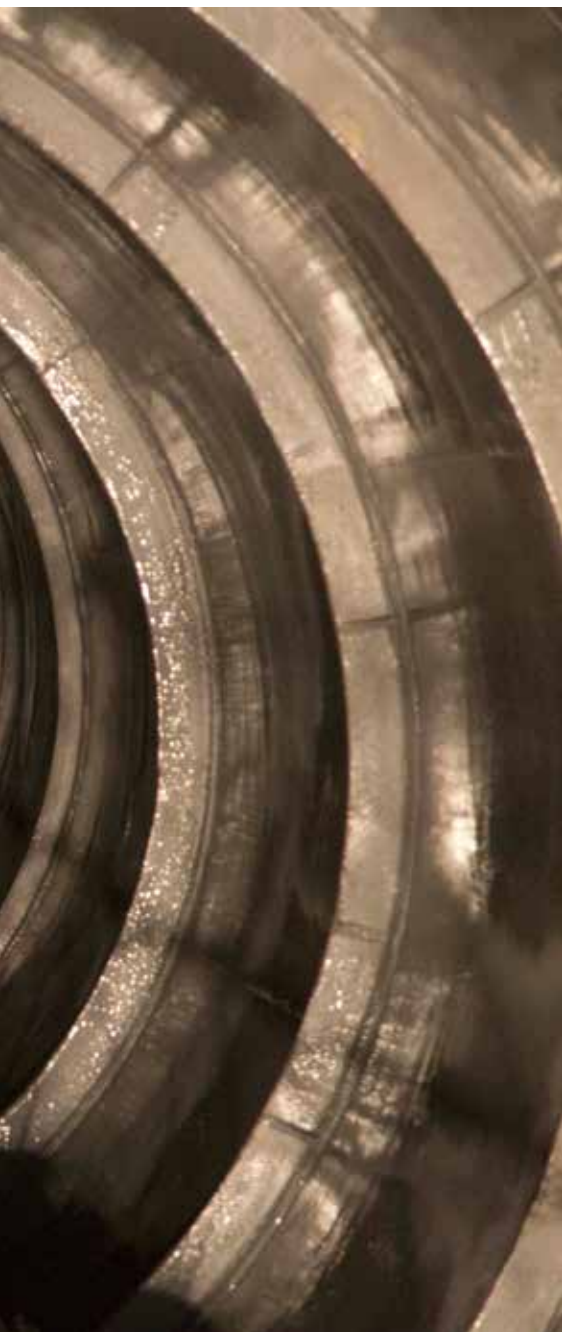
Project name: Internal refurbishment of steel water tower

Location: Słupca (Poland)

Construction year: 2017

The elevated steel tank, commonly known as the Słupca Water Tower, was constructed in the 1990s to ensure stable water pressure across the city of Słupca in the Greater Poland

Province. Operated by the Municipal Water and Sewage Company in Słupca – an institution with roots dating back to the 1960s – the tower has a storage capacity of 700 cubic meters and is situated in the city's northern part. Since its commissioning in 1993, it has effectively resolved water shortage issues during periods of peak demand. Standing nearly 38 meters tall, the water tower has also become a recognizable local landmark, visible from almost every point in the city.



PROJECT REQUIREMENTS

In 2016, the Municipal Water and Sewage Company in Słupca initiated the renovation of the internal surface of the elevated tank – a critical zone due to its direct contact with the city's drinking water supply.

SŁUPCA WATER TOWER



SIKA SOLUTIONS

The Sikalastic® M 689 polyurea membrane was selected as both a waterproofing and protective coating due to its high elasticity – ideal for sealing a steel structure of this scale – and its valid certification from the National Hygiene Institute (PZH), confirming its suitability for use in potable water systems. Its spray application enabled the creation of a seamless, uniform, and watertight coating without the need for additional finishing steps.

For detailed elements such as the ladder and other small components, the hand-applied polyurethane membrane Sikalastic® M 808 was used, allowing for precise manual application.

After application and the removal of scaffolding, the tank was thoroughly rinsed and disinfected. Subsequent bacteriological testing of the water returned satisfactory results with no objections.

PROJECT PARTICIPANTS

Project owner: Miejski Zakład Wodociągów i Kanalizacji w Słupcy
[Słupca Municipal Water and Sewage Company]
Contractor: DUKO Engineering sp. z o.o.
Sika organization: Sika Poland

Any product name or reference reflects the Sika product name at the time of creation of this document and may differ from the product name or reference during past events.

Our most current General Sales Conditions shall apply. Please consult the most current local Product Data Sheet prior to any use.



SIKA SERVICES AG
Tueffenwies 16
CH-8048 Zurich
Switzerland

Contact
Phone +41 58 436 40 40
www.sika.com

BUILDING TRUST

