



Sikalastic® M 689

ONE SOLUTION, MULTIPLE USES

MINIMIZING COMPLEXITY – MAXIMIZING EFFICIENCY

HIGH-PERFORMANCE, VERSATILE WATERPROOFING

FOR THE MOST DEMANDING ENVIRONMENTS












SIMPLIFY THE JOB, MULTIPLY THE POSSIBILITIES with Sikalastic® M 689: A highly elastic, solvent-free, ultra-fast curing, spray-applied pure polyurea membrane for waterproofing applications.

Its exclusive properties make Sikalastic® M 689 an ideal membrane that can be used the most demanding applications, where waterproofing capacities have to be combined with chemical or mechanical resistance.

With unmatched versatility, Sikalastic® M 689 simplifies your projects by delivering reliable, high-performance waterproofing across a wide range of applications.

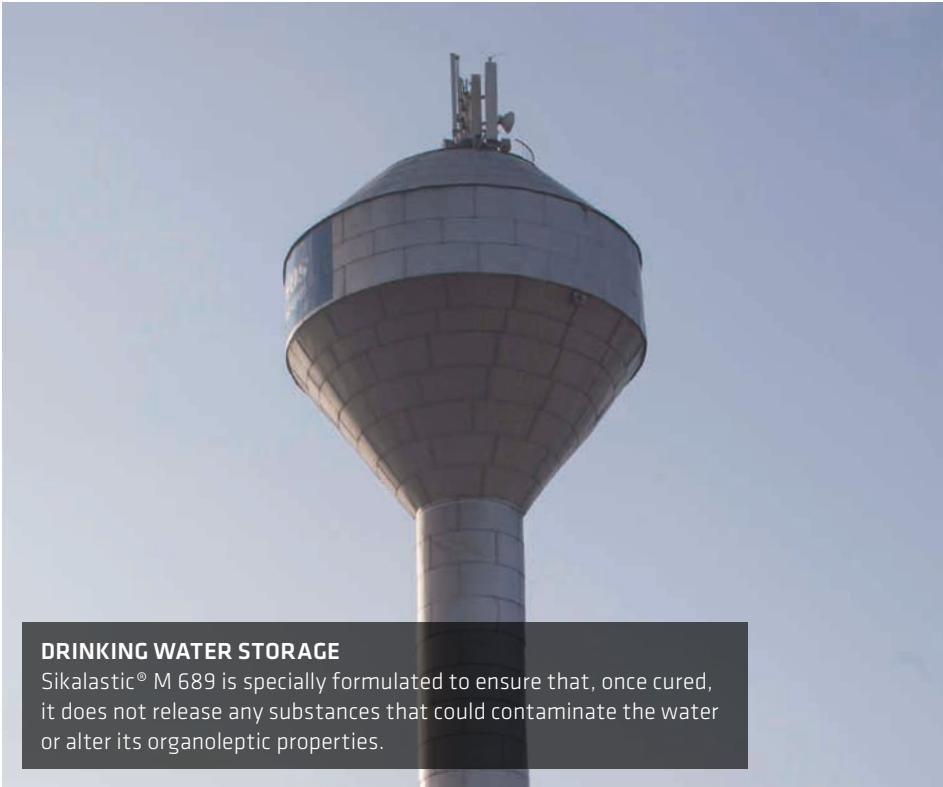
One solution, multiple uses—minimizing complexity and maximizing efficiency for applicators.



	Highly reactive pure polyurea. Applied using two-component hot-spray equipment.
	Fast hardening: Sets in a few seconds and is ready for pedestrian traffic or recoating after 30 minutes. Full exposure to chemicals after 24 hours.
	High resistance to several chemicals (tested according EN 13529 and certified according to WHG, the German Federal Water Resources Act) maintaining its tightness even when liquids are pressurized.
	High abrasion and impact resistance. Can be directly exposed to vehicular traffic.
	High elongation and elastic capacities. Extraordinary crack-bridging properties (Class A5 @+20°C). Remains elastic even at low temperatures (Class B4.2 @-20°C).
	Impermeable to CO ₂ , it protects concrete from carbonation. A 2 mm application provides an SD value (equivalent air layer thickness) of 120 m.
	Protects concrete with very low capillary water absorption, providing resistance against water and humidity.
	Holds several local approvals and shows no migration of components into water.
	Methane tight: Prevents methane leakages in biogas and digester installations.
	Fire classification: Broof -T4 acc. EN 13501-5 and Cfl-s1 acc. EN 13501-1
	Permanent resistance to penetration and perforation by plant roots. Can be used in podium decks (inverted roofs, roof gardens and green roofs).

VERSATILITY THAT SIMPLIFIES

ONE SOLUTION. ENDLESS APPLICATIONS.



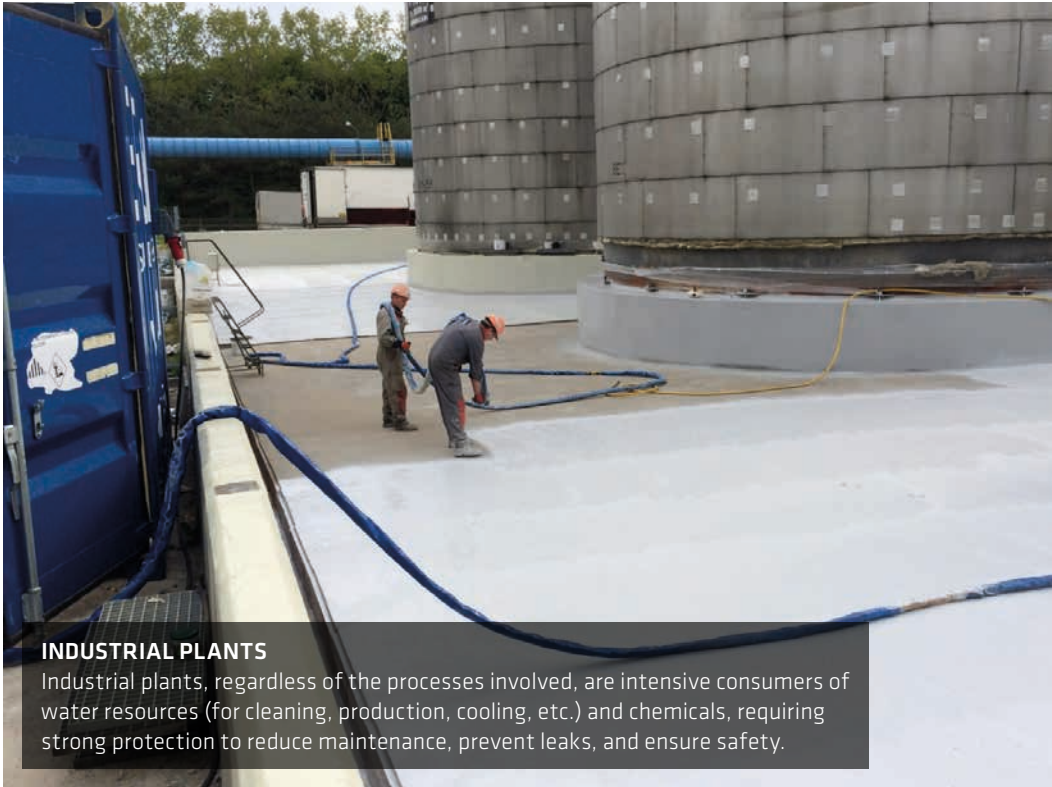
DRINKING WATER STORAGE

Sikalastic® M 689 is specially formulated to ensure that, once cured, it does not release any substances that could contaminate the water or alter its organoleptic properties.



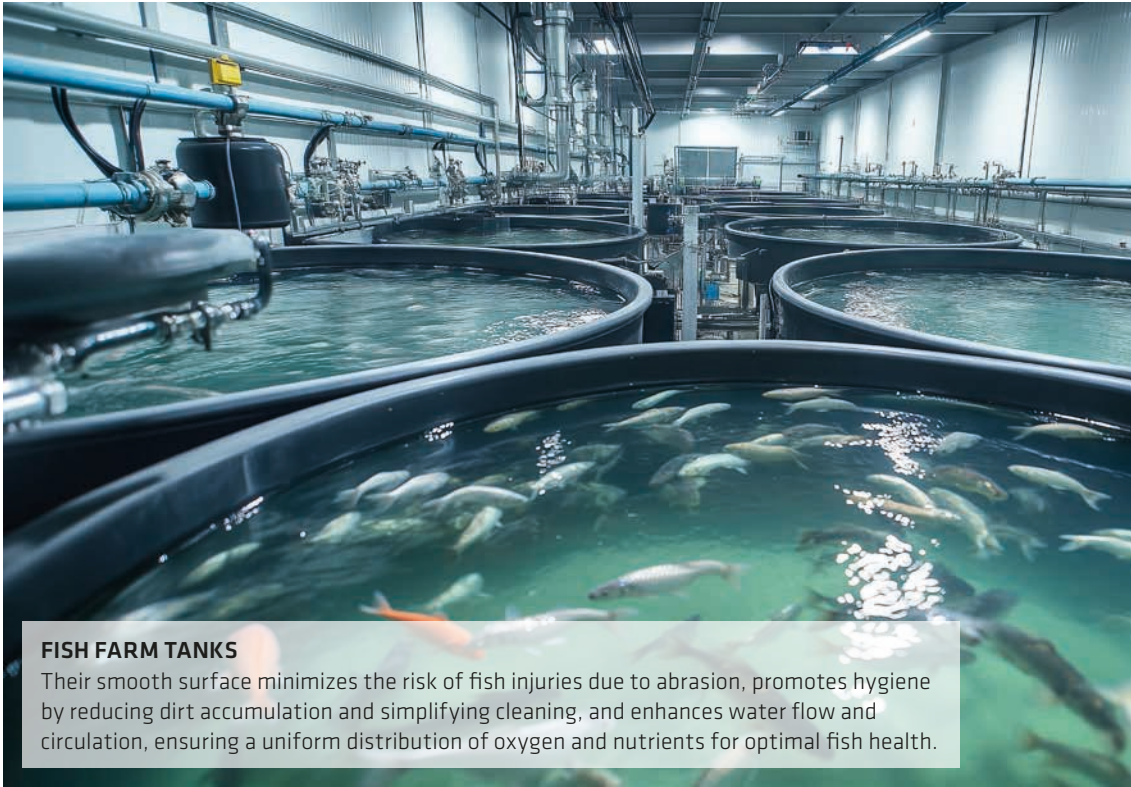
URBAN WASTEWATER TREATMENT PLANTS

Sikalastic® M 689 provides outstanding crack-bridging and specific chemical resistance to biogenic acids, ensuring durable protection in harsh environments.



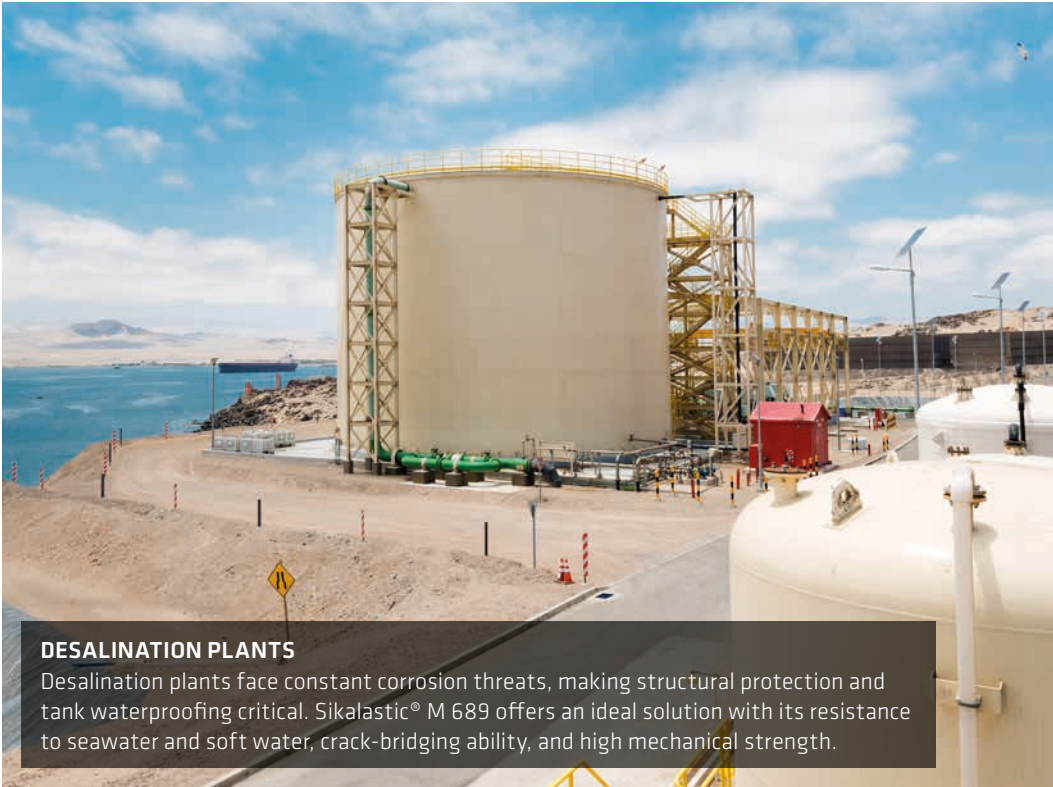
INDUSTRIAL PLANTS

Industrial plants, regardless of the processes involved, are intensive consumers of water resources (for cleaning, production, cooling, etc.) and chemicals, requiring strong protection to reduce maintenance, prevent leaks, and ensure safety.



FISH FARM TANKS

Their smooth surface minimizes the risk of fish injuries due to abrasion, promotes hygiene by reducing dirt accumulation and simplifying cleaning, and enhances water flow and circulation, ensuring a uniform distribution of oxygen and nutrients for optimal fish health.



DESALINATION PLANTS

Desalination plants face constant corrosion threats, making structural protection and tank waterproofing critical. Sikalastic® M 689 offers an ideal solution with its resistance to seawater and soft water, crack-bridging ability, and high mechanical strength.



BIOGAS AND DIGESTERS

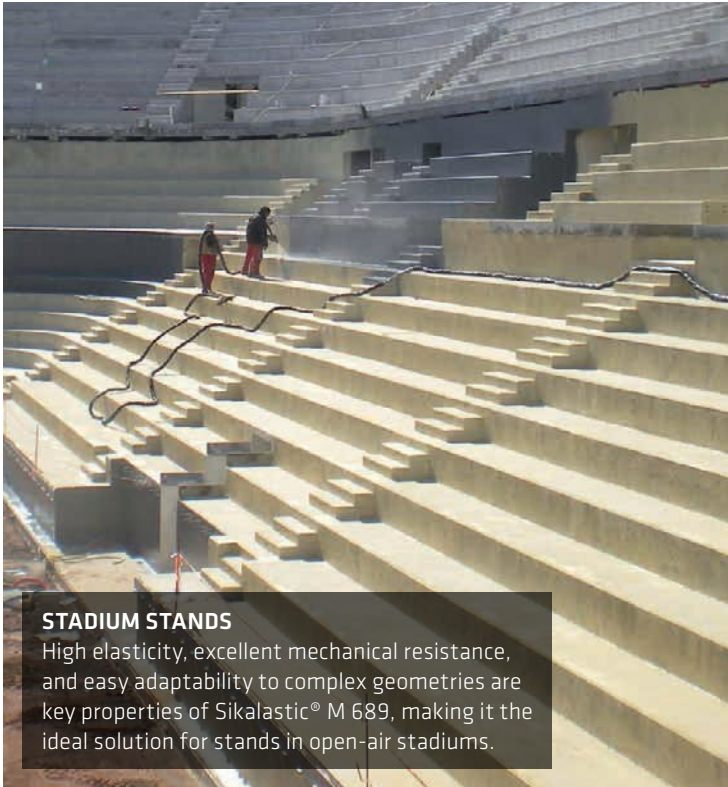
Sikalastic® M 689 ensures biogas plant uptime with superior chemical and mechanical resistance and leak-tight protection.

VERSATILITY THAT SIMPLIFIES

ONE SOLUTION. ENDLESS APPLICATIONS.



PODIUM DECKS
Sikalastic® M 689 provides robust protection with excellent mechanical resistance, crack-bridging performance, and proven resistance to root penetration—making it ideal for green roofs and trafficked surfaces alike.



STADIUM STANDS
High elasticity, excellent mechanical resistance, and easy adaptability to complex geometries are key properties of Sikalastic® M 689, making it the ideal solution for stands in open-air stadiums.

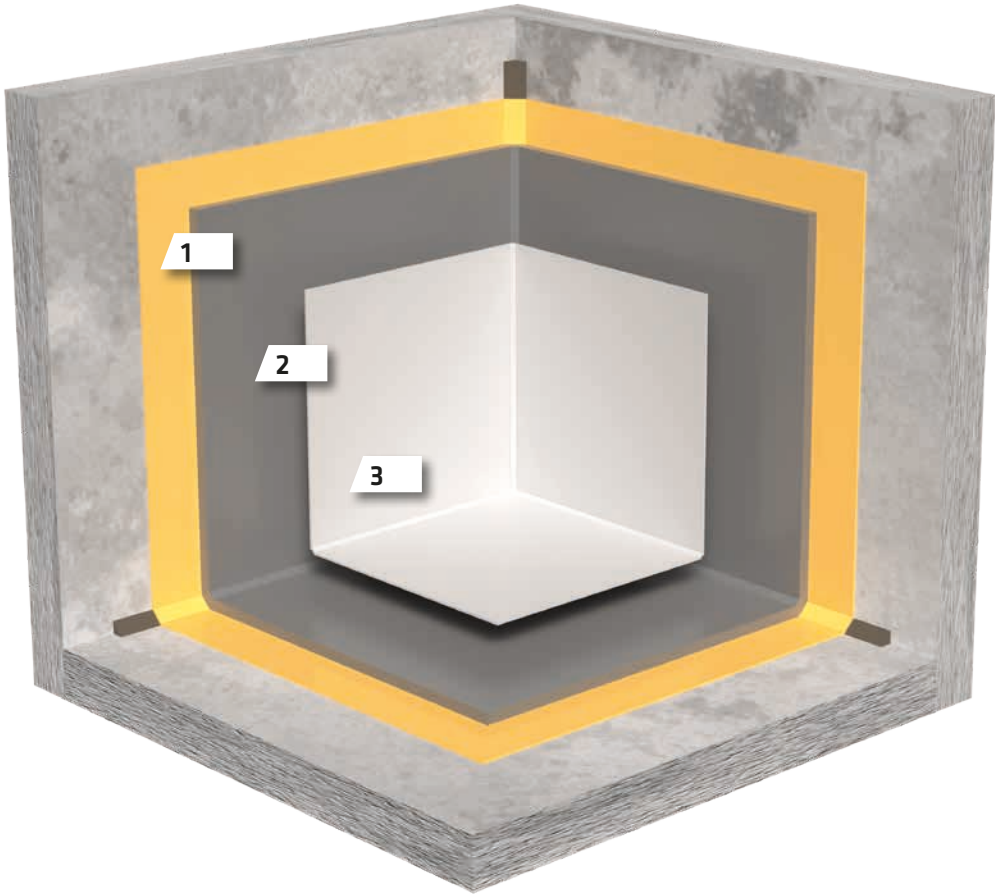


PARKING DECKS
Thanks to its outstanding crack-bridging, superior abrasion resistance, and customizable slip-resistant surfaces properties, Sikalastic® M 689 is ideal for top, intermediate, or bottom parking decks.

SIMPLICITY

THAT MAXIMIZES EFFICIENCY

The system buildup of the polyurea membrane Sikalastic® M 689 is exceptionally simple and efficient, designed for easy application on both vertical and horizontal surfaces. This versatility ensures reliable waterproofing across a wide range of structural elements.



- 1. Primer
- 2. Sikalastic® M 689
- 3. Topcoat (optional)

FEWER LAYERS, LOWER MATERIAL COSTS

Requiring only a primer and the waterproofing membrane (a topcoat is needed only for aesthetical purposes in areas not exposed to chemical attack), the system reduces the number of products needed – directly cutting material costs.

FASTER INSTALLATION, LOWER LABOR EXPENSES

The simplified buildup means fewer application steps, enabling faster installation, reducing labor time and related expenses.

REDUCED RISK OF APPLICATION ERRORS

A straightforward system with fewer components minimizes the chance of mistakes, reducing rework and ensuring consistent, high-performance results.

A GLOBAL COMPANY BUT LOCAL PARTNER



FOR MORE INFORMATION ABOUT WATERPROOFING:



WE ARE SIKA

Sika is a specialty chemicals company with a globally leading position in the development and production of systems and products for bonding, sealing, damping, reinforcing, and protection in the building sector and industrial manufacturing. Sika has subsidiaries around the world and produces innovative technologies for customers worldwide. In doing so, it plays a crucial role in enabling the transformation of the construction and transportation sector toward greater environmental compatibility.

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.



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