



Press Release

Improved ground water protection: DENSO first company to receive approval for bitumen-based joint system for concrete and asphalt

Leverkusen, October 10, 2019 – DENSO Group Germany achieves optimal sealing against aggressive liquids. TOK-Sil Resist is the first approved bitumen-based sealing system for both concrete and asphalt joints. As a result, the leading company for protective products in sealing technology and civil engineering protects biogas plants and agricultural storage areas against the leakage of hazardous liquids.

For over two years the Deutsches Institut für Bautechnik (German Center for Civil Engineering, DIBt), the Kiwa Polymer Institute, and DENSO worked on developing a superior solution also for concrete joints. The approval for asphalt was already given two years ago. Thomas Kaiser, DENSO's Managing Director, is pleased with the results. "Ground water protection is important to all of us. With the extended DIBt approval, we now have a product that protects both concrete and asphalt structures from hazardous substances."

Until now, available solutions were only approved for either asphalt or concrete, or not traversable. A system solution meeting all requirements did not exist. Application was technically challenging, sometimes close to impossible. Traversable asphalt often meets concrete walls and there a joint sealant for both surfaces is necessary.

TOK-Sil Resist is the solution for this critical contact point of asphalt and concrete and the intersection between vertical and horizontal joints. The traversable system protects all contact surfaces and even the most challenging joint designs – and with that it is unique on today's market.

Andreas Schrepffer, Manager of BSFT SiloTec GmbH, knows the difficulties ground-wall intersections pose. “There are often problems with these intersections. So far, we used different materials in the wall joints and the ground joints. Bituminous products are commonly used with asphalt. TOK-Sil Resist is a perfect solution because it is also bitumen-based. So now we have just one material to seal off all joints and don’t have to worry about any incompatibilities.”

TOK-Sil Resist is traversable and hardens fast. Only two hours after cooling, joints can be subjected to mechanical pressure and are chemically resistant. The system solution is suitable for construction and maintenance of all types of agricultural storage areas as well as liquid manure, slurry and silage effluent plants.



TOK-Sil Resist: Reliable joint design in concrete.



Broad application for all types of agricultural storage areas and liquid manure, slurry and silage effluent plants.

DENSO Group Germany

For almost a century, DENSO Group Germany has built its reputation on high-quality and forward-thinking solutions for sealing technology and corrosion prevention. DENSO products reliably protect road construction, buildings, pipelines and station construction long-term. With branches in six European countries the Group is the leading company in key Central European markets. It continues its dynamic growth in Eastern Europe, Asia, Africa, and South America with sales partners in over 100 countries worldwide.

You can find more information on denso-group.com.

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