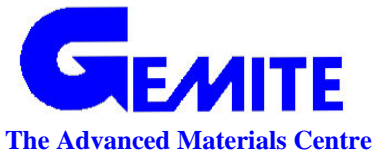


# PROJECT PROFILE



**Project:** Repair & Waterproofing of an industrial wastewater treatment facility, Bratislava, Slovakia

**Designer:** Gemite Slovakia s.r.o.

**Contractor:** Zilina Contractor

**Gemite products:** Nano-Shield OSP

**Objective:** the restoration, waterproofing and protection of an existing wastewater treatment facility of a large refinery and petrochemical plant. The key challenge was to design a repair system that would bond to heavily oil contaminated concrete, seal existing cracks, and provide resistance to waste water containing aromatic solvents, acetone and other polar solvents. The unique sealing systems have been designed for the treatment of existing cracks and expansion joints in the reinforced concrete tanks. The key material used in this project was **Nano-Shield OSP**, since it is resistant to all organic solvents present in the wastewater. All technical issues have been successfully resolved and extensively evaluated on similar structures in this facility for two years prior to initiation of this project. For technical details, please contact Gemite Technical Service. The project was completed in 2006. The total area of the repairs was approx. 400,000 ft<sup>2</sup> (40,000 m<sup>2</sup>)



For further information contact Gemite Products Inc.

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