



Perstorp AB Warrington

Case Study

From their Warrington Plant, Perstorp supplies their chemical raw materials and products for use in many other industries. These include key ingredients and components essential for the production of many different polyurethane resin products, which are used extensively in the production of adhesives, resins and paints, as well as for finishing's and components in the automotive industries in particular.

Perstorp's engineers observed in one of their four metre deep containment tanks, that the existing concrete surfaces had been visibly attacked in several areas and were starting to deteriorate overall due to this chemical corrosion. Therefore they decided to make a full scale refurbishment to ensure that it remained watertight for the long-term and was fully resistant to the chemicals involved, especially as some of them were highly acidic.



A full concrete repair and protection system solution was developed with Thelwell Flooring: All of the damaged concrete was removed mechanically followed by blastcleaning of all surfaces; the damage was repaired and made good with polymer modified concrete and mortars from NCC and allowed to cure; finally the surfaces were all coated with Atako ATB-300 GL, a highly acid and chemically resistant, vinyl ester based, glass fibre reinforced concrete protection system.

Manufacturing Industry

Client:

Perstorp AB

Specialist Contractor:

Thelwell Flooring Limited

Products Used:

Atako ATB-300 GL

Contact:

NCC for Bund Lining

01257 266696

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