



Chemical Processing

Client:

ALTANA – BYK - Rockwood Additives

Specialist Contractor:

Thelwell Flooring Limited

Products Used:

Atako ATB-300 H10 & GL Systems

Contact:

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ALTANA - BYK - Rockwood Additives, Warrington

Case Study

Rockwood Additives are one of the world's leading suppliers of rheology additives that optimize the flow characteristics of various different products and materials from paint to make-up. Rockwood is now part of the German ALTANA Group and integrated into its BYK Additives and Instruments Division.

At the Warrington plant the liquid effluent is chemically treated and neutralized in a holding lagoon. This was originally constructed with acid resistant brick walls on a concrete base, but over time this had been attacked by the aggressive mix of chemicals including Sulphuric Acid. Therefore to prevent any danger of leaks or contamination of the ground water, a new reinforced concrete chemical holding and treatment tank was built.

In order to ensure the long-term durability of the new structure, Thelwell Flooring provided the ideal solution with the Atako ATB-300 H10 Screed on the horizontal slabs and the Atako ATB-300 GL System on the walls and upstands. These systems are based on vinyl ester resins designed to provide a highly chemically resistant and highly durable lining, plus the GL System is reinforced with and glass fibre for restraint and accommodation of any anticipated settlement and thermal movement.

