



Johnson Matthey Clitheroe

Chemical Processing

Client:

Johnson Matthey

Specialist Contractor:

Thelwell Flooring Limited

Products Used:

Atako ATB-300 RC System

Contact:

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Case Study

Johnson Matthey's Clitheroe site is their main UK manufacturing base for process catalysts, which are used in countless applications and processes throughout the chemical, petrochemical and gas processing industries. The company has a strong focus on sustainability and environmental protection as core elements of their business strategy, which means using resources efficiently and effectively, whilst striving for the highest environmental standards in their manufacturing operations.

As part of a major improvement programme being undertaken at the plant, the banded secondary containment area for acid storage tanks was being refurbished and before the new tanks were placed in position, Johnson Matthey wanted to protect the new reinforced concrete tank bases from any future attack and subsequent leakage, including by concentrated nitric acid which is particularly aggressive to concrete.



Before image

Thelwell Flooring used the ATB-300 RC System, which was applied to all of the prepared horizontal and vertical concrete surfaces for the new bases throughout the whole of the tank farm. The ATB-300 RC System is based on vinyl ester resin that provides extremely high resistance to a wide range of aggressive chemicals, especially to strong acids such as concentrated Nitric Acid (HNO₃).