

STEEL REFURBISHMENT

In the beautiful northern UK area of Cumbria, the structural steel and landings of this spiral staircase inside a Victorian valve tower were deteriorating badly. Alocit coatings were chosen because the steel is at dewpoint throughout the year and in urgent need of protection, but the wet substrate made preparation and coating very difficult.



The pictures show the location, followed by all the stages of preparation and application.



Alocit's high tolerance for surface water and contamination such as flash rusting, residual salts and oil were key to the success of this project. The system used was an Alocit 28.14 zinc primer stripecoat followed by a full brush coat of 28.14 and a final brush coat of Alocit 28.15 in standard grey.

The surface was prepared by closed-circuit dustless vacuum blasting, minimising the risk of collateral damage to the structure and maximising coating adhesion.



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