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PROJECT PROFILE

PROJECT: AWE Aldermaston – Emission Stack Protection
LOCATION: United Kingdom

THE PROBLEM

The photograph shows a new steel emission stack in sections, which when finished would measure 60m high by 2m in diameter. The new stack was being constructed at AWE Aldermaston to replace an old flue that had been erected five years ago. This had only been coated with conventional paint and had rusted through.

The client required a long-term coating solution, which would offer both chemical and corrosion protection.



THE SOLUTION



The internal and external surfaces of the new emission stack were abrasive blast cleaned to a minimum industry standard of Sa2½. The internal surface of the stack was then treated with our solvent-free, highly chemical-resistant epoxy lining system Chemi-Tech UC.

The external surface of the stack was primed with our anti-corrosive epoxy Uni-Tech MC Primer prior to the application of two coats of Uni-Tech UV.

The client is very pleased with the results of the application carried out by a company within the Sui Generis International group, a Thortex Authorised Applicator. The client is now intending to refurbish existing flues using the same Thortex system.