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PROJECT PROFILE

PROJECT: Singapore Aerospace Manufacturing - External Wall Protection
LOCATION: Singapore

THE PROBLEM

This building owned by Singapore Aerospace Manufacturing Pte Ltd (SAM) had suffered water penetration through hairline cracks in the walls for several years. Attempts to rectify the problem had failed, as further cracks had then opened causing the paint to crack and peel.

SAM approached Thortex for a high performance refurbishment solution, which would prevent any further water ingress as well as protecting the walls from the weather and pollution.



THE SOLUTION



The Wall-Tech FP system was specified for this project in 1997. Following low pressure water jetting to remove all loose and flaking material, the hairline cracks were repaired using Wall-Tech LW. The entire surface was then primed with Uni-Tech GP Primer prior to the application of two coats of Wall-Tech FP.

Wall-Tech FP is a single component, micro-porous, water-based flexible coating for external walls. It offers outstanding weatherproofing as well as optimum levels of UV resistance, flexibility and adhesion.

The project was re-surveyed in 2001, the results of which showed that the coating is still in perfect condition. Based on the success of this application, SAM has now specified Floor-Tech SP Primer and Floor-Tech HB for a large floor in the adjoining building.