

Project Profile



Site Name: Manchester Airport, World Freight Terminal

Roofing System: Giromax Seamsil & Delcote Coatings System



The Problem

The existing 5,500m² of plastisol coated profile metal cladding to the roof and walls was experiencing wide spread failure, as were the gutters. Problems included cut edge corrosion, coating delamination and coating discolouration. The cladding to the rear elevation had numerous areas of mechanical damage. The roof transluents were fragile, aged and degraded.

The Solution

Initially all transluents were replaced with new non-fragile transluents. The areas of mechanical damage were repaired with new plastisol coated profile metal sheets and flashings. All cut edge corrosion was treated with the Corus approved Giromax Seamsil system. Finally all the roof and wall cladding, as well as the gutters, were treated with the Giromax Delcote Silicone coating system.

The Benefits

All works were covered by a 15 year independent Insurance backed Guarantee. The roof is now deemed non-fragile and the amount of natural daylight into the building has increased. The new silicone coating is more resistant to the harsh airport environment than traditional plastisols and caused less disruption on site than re-cladding. All works were finished ahead of programme and under budget.

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