

# STRUCTURES CASE STUDY

## Asbestos Roof Refurbishment and Gutter lining

# MAKERS

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### PROJECT

Unit A2, Baird Court,  
Wellingborough

### STRUCTURE

Roof

### CLIENT

AMJ Construction

### CONTRACT



Makers Construction were instructed to carry out the dilapidated roof refurbishment works at Unit A2, Baird Court, Wellingborough.

Giromax RC had been specified as the roof coating system, Encapsulation with GIROSIL® RC means the sheets remain undisturbed, eliminating the considerable cost, disruption and stringent controls needed for the safe removal and disposal of the asbestos sheet. As part of the contract Makers also replaced the existing rooflights all of which had come to the end of their life span. The GRP had become flimsy and brittle, many of the rooflights had cracks/splits and due to age allowing very little natural light in.

To complete the refurbishment Makers installed a Ply Gene gutter liner system. Ply Gene is a thermoplastic, durable, hard-wearing and flexible liner that is bespoke created to the profile of the existing gutter. The existing galvanised gutters were showing signs of corrosion with leaks occurring at the joints, a very common problem. The gutter lining is non-bonded in design and thermally expands and contracts independently from the gutter substrate material.

Before any work could commence Makers ensured that all necessary health and safety mechanisms were in place.



Before



Cleaning Down Roof

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Registered in England No: 6348341 Registered Office as above

## Association Membership



## Accreditations



# CASE STUDY

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Cleaning Process



Roof Coating



Roof Complete, New Rooflights

These included a full 5 board walkway scaffolding with access tower to the roof area, roof mounted handrail to protect operatives whilst working on areas above the parapet. The entire warehouse area was safety netted below roof, the nets are securely fixed to the roof purlins. Where netting couldn't be installed crash decks and air decks were installed.

The roof area was given a thorough deep clean first by scrapping off the heavy soiled areas, then using a low-pressure system the roof was gently cleaned. Care was taken to block drainage outlets so any contaminated water couldn't get in to the water system. All debris was collected in red bags and disposed of in the correct manner. A sealer coat was then sprayed on the roof and parapet walls. All the corroded fixings were treated with Girosil SE. Once completed the roof area was given a single coat of Girosil RC, readings were taken to ensure adequate coating thickness. Once the coating was finished the tired old rooflights were stripped out and replaced with new.

Finally, the existing gutters were cleaned to industrial standards in preparation for the new gutter system. The Ply Gene liner is manufactured with factory cut fold lines so that the new gutter is a perfect fit inside the old one. It's a seamless system so no joints every 3 metres to worry about, that just left the outlets to thermo weld in place Job done !!

The client was thrilled with not only the finish but Makers ability to deliver what we promise !



Ply Gene Liner



Girosil SE



Scaffolding



Air Deck System



Safety Netting

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