

Office roof 5 years of protection

ID: 9475

Industry: Chemical & Petrochemical

Customer Location: Loughborough

Application: RPA-Roof Problem Areas

Application Date: January 2019

Substrate: Other

Products: Belzona 3131 (WG Membrane), Belzona 3921 (GSC Surface Conditioner), Belzona 3931 (WG Membrane Conditioner)

Problem

Issues on the main office block roof of a chemical production and blending facility were allowing rainwater to leak into the main offices and boardroom below.



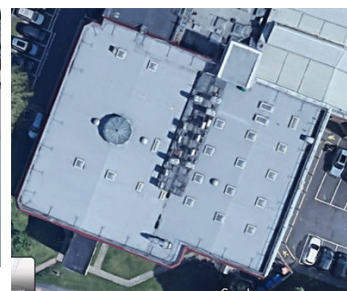
Showing no deterioration to applied Belzona 3131 coating



Awkward geometry catered for easily with the Belzona 3131 coating



A larger expanse of the main roof where the Belzona 3131 was applied



An aerial view of the roof showing a fabulous uniform finish, still looking good after 5 years

Application Situation

The situation was quite difficult, in that the Estates had been tasked with stopping all the leaks into the busy offices and boardroom below. This was in the middle of the winter and, whilst we discussed the possibility of carrying out the work in the better weather, it was really important to find a solution to the situation straight away. Belzona 3131 Winter Grade was offered, along with the services of a very experienced contractor.

It was decided that the application would go ahead and this was carried out in the last 2 weeks of January and the first 2 weeks of February

Application Method

All the chippings were removed from the roof and lowered to skips below

The area was washed down using high pressure water

Amounts of Belzona 3921/3931 were used in areas where heavy problems were identified, along with non-porous application areas

The first coat of Belzona 3131 was applied and Belzona 9361 was applied into the surface, along with Belzona 9351 for areas needing extra elasticity

A second coat of Belzona 3131 was applied within the overcoat window,

Belzona Facts

The important issue was to achieve an effective repair to the roof as an immediate solution. The weather and time of year was an

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ISO 9001:2015

FS 695214

ISO 14001:2015

EMS 695213

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obvious issue, but the Belzona 3131 Winter Grade performed brilliantly and is still showing no signs of deterioration 5 years later

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