Engineering plant roof benefits from the Belzona roof treatment

ID: 10041

Industry: Chemical & Petrochemical
Application: RPA-Roof Problem Areas
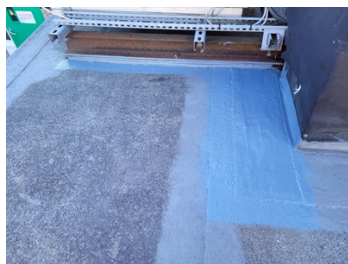**Substrate:** Other
Products: Belzona 3131 (WG Membrane),Belzona 3921 (GSC Surface Conditioner)

Customer Location: Loughborough
Application Date: October 2023

Problem

Numerous leaks were causing difficulties in a large engineering workshop. Equipment and stock were becoming compromised by continuous water ingress.

Close up of a typical example of the numerous failures found on the engineering workshop roof.

Completing detailed works around one of the many service assets which populated the roof.

Further detailed preparatory works before final coats are applied.

All works completed, including a 200 mm drop down all sides to completely encapsulate the roof.

Application Situation

There were many electrical and ventilation assets installed on the roof. Therefore, bracketry and awkward jointing made the job impossible for standard roofing methods.

Belzona had already proven their system, and it took no time at all for the decision to be made to have the Belzona 3131 system installed.

Application Method

All the existing roof was cleaned and pressure washed.

Attention was given to all intricate areas and difficult interfaces.

Belzona 3921 was used to condition any non-porous substrates where the Belzona 3131 was to be applied.

2 coats of Belzona 3131 were finally applied to completely encapsulate the roof area.

Belzona Facts

The geometry and assets made this quite a difficult project, but as the client had successfully used Belzona products in the past, in a situation that was a problem for almost 10 years, it was no difficult decision to use the same proven products, as seen in KHIA 9171.

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