

BELZONA REJUVINATES AGED ASPHALT ROOF

ID: 6117



PROBLEM

This aged asphalt roof was cracked in many places and there were several large ponding areas where water would not fall to drains. A much larger pitched roof above it also drained directly onto the asphalt, resulting the roof having to accommodate about six times more water than it was designed for. These problems had led to several leaks being identified in the plant rooms beneath and essential equipment was at risk of being ruined. Environmental and safety considerations mean the client preferred a water based system.

APPLICATION SITUATION

Asphalt roof over plant room.

APPLICATION METHOD

The application was carried out in accordance with Belzona Know-How System Leaflets RPA-6 and RPA-8.

BELZONA FACTS

The Belzona 3111 is a water based flexible material and has a BBA certificate with an assumed working life of 25 years. In addition, the materials are all cold applied, which was ideal for this site where all hot works are generally prohibited. As the membrane is lightweight, it can be applied directly onto the existing substrates, with no need to remove and renew the asphalt, which in turn greatly reduced the contract costs. The client was delighted with the results and work on further roofs around the site continues.

INDUSTRY

Power

LOCATION

Power Station, Teesside, UK

APPLICATION DATE

2016

PRODUCTS

Belzona 3111 (Flexible Membrane)

SUBSTRATE

Asphalt.

PHOTOS

1. Roof with ponding areas on right
2. Application of Belzona 3111 underway
3. Protection completed

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

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