

BELZONA PREVENTS ROOF LEAKS ACROSS HOUSING ESTATE

ID: 5525

Industry: Buildings & Structures
Application: RPA-Roof Problem Areas
Substrate: Asphalt, Lead Flashing
Products: * Belzona 3111 (Flexible Membrane) ,
* Belzona 3911 (PSC Surface Conditioner) ,
* Belzona 3921 (GSC Surface Conditioner)

Customer Location: Housing Association, Loughborough, UK
Application Date: September 2014

Problem

A previously applied competitor product was beginning to fail. Leaks in the roof were allowing water to flow behind lower concrete and brickwork. This caused damage to the roof structure as well as internal damage.



Photograph Descriptions

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- * Roof without any form of protection ,
- * Half of the roof coated with Belzona 3911 ,
- * Belzona 9311 laid out and Belzona 3111 being applied ,
- * Finished application ,

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Application Situation

28 roofs of various sizes across the housing estate.

Application Method

Application was carried out in accordance with Belzona Know How System Leaflets RPA-8 and RPA-10. All flashings were cleaned, and loose chippings on the felt were removed. Belzona 3911 was applied to the asphalt and Belzona 3921 applied to the lead flashings. This was followed by two coats of Belzona 3111 along with Belzona 9311 laid into the first coat.

Belzona Facts

The alternative option would have been to replace the felt and lead flashing. This would mean there is no guarantee of leaks not forming in the future and the problem repeating itself, potentially leading to regular replacement and increased costs. The Belzona

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FS 695214
ISO 14001:2015
EMS 695213

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system creates a seamless weatherproof barrier over the roof with proven longevity.

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