

solutions

SPECIAL INDUSTRY
REPORT ISSUE

Latest News from Acrypol Products Limited

Issue 2

Acrypol + outperforms the competition

A report describing the results of tests carried out by the Building Research Establishment Construction Division (BRE) will make compelling reading for some of Britain's leading manufacturers of acrylic polymer roof waterproofing solutions – and raise questions for those who use and specify them on a like for like basis.

The report closely examines three key performance areas by way of comparison of Acrypol +, Acryflex and Flexacryl. The results demonstrate that whereas Acrypol + could provide a total roof waterproofing coating with immediate waterproofing integrity in all three tests, the other two products, Acryflex and Flexacryl, only performed well in one of the three tests – in fact Acryflex and Flexacryl did not even pass a basic visual assessment in one of the three tests for performance.

Acrypol provided samples of the three products to BRE and asked them to test them in accordance with a test regime that Acrypol had devised. BRE tested samples of the three products on the same dates, between the 12th – 15th March 2004. In two out of three tests Acrypol + came out ahead of its competition.

The first of the three tests examined the products ability to "bridge" or fill gaps or small holes. Application of the products was fully in line with manufacturers' recommendations and involved 10mm holes bored in a roofing felt substrate, representative of the width of voids as stated on two of the manufacturers' tins, which were then coated with samples of the products.

Each product was applied to three 250mm x 250mm roofing felt substrates. The samples were then immediately observed for "sagging" through the holes. The samples were then placed on a flat surface and allowed to cure. The samples were then ponded with water to check watertightness.

Acrypol + was the only product to maintain an immediate seal. The samples of the other products did not even progress to the next stage of the gap bridging test because their solutions were unable to bridge the

hole. In this respect Acrypol + conclusively outperformed the other products.

The second test, for the effect of water ponding, involved all three products brush applied to a thin steel substrate of 150mm x 150mm. Again application was in accordance with manufacturers recommendations. Two samples from each manufacturer were prepared, one allowed to cure naturally and one submerged in water. The samples were then examined for signs of deterioration. All products performed well over the four-day test showing no obvious signs of lifting or deterioration. Good news for all.

The final test carried out was for "slumping" or "spread", particularly relevant on upstands or vertical surfaces, with the final results given as a percentage of the original test area width showing how much of the product had migrated during the test.

Each product was applied to a sheet of polyethylene, extreme care was taken and by using an adjustable film applicator, exactly the same amount of product was sampled from each of the three manufacturers. Two thicknesses of product for each product were applied and the sheets were then hung vertically and the width of the samples measured after two hours. The second part of the test involved allowing the product to cure for 2 hours and then taking three sections removed for determination of thickness along the length of the test area.

The results showed that Acrypol+ had hardly moved at all, just 3% - 8% spread (of original width). Acryflex had spread by 17% - 82% and Flexacryl by 141% - 238%. Again, the performance of Acrypol+ was clearly superior in this test than the other products.

Each of the three carefully and scientifically monitored tests ensured all products were stored and tested at equal temperature or to manufacturers recommendations. Notwithstanding that they were tested identically in every way, there was a considerable variation in the results between the products.

Full copies of the test report are available on request (give name and address) from CFA – 01622 754295 or by faxing 01622 758485 or e-mailing sue@cfapr.com.

Quartzdek performs and that's official



The Building Research Establishment (BRE) tested the slip resistance of a sample of Acrypol's Quartzdek walkway and balcony floor waterproofing and slip resistant coating, provided to them by Acrypol – officially rating it as having a low potential for slip when wet and an extremely low potential for slip when dry.

It's a major vote of confidence for the many specifiers and building owners who have regularly depended on Quartzdek to prevent walkway or balcony accidents, especially in public or highly foot trafficked areas.

The test, which under a scientifically controlled environment is designed to predict the likelihood of someone slipping on a Quartzdek surface, showed conclusively that the product has the potential to help reduce slip accidents in potentially hazardous walkways, balconies, or pedestrian locations where the existing surface has low slip resistance.



Acrypol Infoline 01925 213 655

Metal-Kote - another winner

With rocketing metal prices making the replacement of profiled metal roofing and cladding prohibitive, Acrypol's Metal-Kote is proving to be an absolute favourite for specifiers and building owners who want to re-waterproof and improve the overall aesthetic appeal of the building.

Fast and exceptionally easy to brush or spray apply, Metal-Kote is regularly chosen by Local Authorities, Housing Associations and Public Sector specifiers who need a really cost-effective way to upgrade their profiled metal roofs or cladding. One single coat is all that is needed to waterproof and even bridge small gaps or fissures in the metal surface. No other metal protection solution is as fast acting. Its advanced chemical compound means it immediately bonds, forming a waterproof barrier in just two hours. Metal-Kote combines total 100% waterproofing, outstanding adhesion, flexibility and UV protection - all in one product.



Nu-life for old pitched roofs



Dull, discoloured, stained concrete or clay pitched roofs can be brought back to life, extending their overall lifetime performance while reducing the stress on the roof structure by removing heavy lichen and moss deposits.

Nu-life is a wonder treatment for pitched roofs. Its fast acting and simple application can instantly transform pitched roofs to look and perform like new, countering the effect of weathering and pollution that can cause tiles to become

porous. Once applied to old concrete, clay or asbestos tiles, it is the perfect low cost alternative to replacement or patching.

Nu-life - now available in all the most popular colours - red, terracotta, brown, grey and green - will also alleviate the build up of moss, fungi, lichens and water retention, which together add weight and stress to the roof structure and can cause contamination to gutters and drainage channels.



A must for all contractors



Don't forget Wetseal, a MUST HAVE, for all maintenance personnel tool bags.

If you need to repair, seal, bond or join almost any material, use Acrypol's Wetseal, an incredible epoxy putty which can be mixed by hand and when applied forms a permanent seal, rock hard, even under water.

Wetseal is probably the most versatile and user-friendly product on the market and is supplied in a handy pliable rod - it is a must for every business, tradesman and home.

The pocket-sized pack is polythene wrapped so it can be used and re-sealed easily and its fast making an appearance in every single tool kit across the UK.

Please complete the faxback form for further information

Name: _____ Position: _____

Company: _____

Address: _____

Tel: _____ Fax: _____

E-mail: _____

Please send me more information on:

Acrypol + Quartzdek Metal-Kote Nu-life Wetseal BRE technical test report

Please contact me relating to a possible contract/project

Acrypol Products Limited

4 Asher Court, Lyncastle Way, Barleycastle Lane, Appleton, Warrington WA4 4ST

Tel: 01925 213 655 Fax: 01925 213 656 E-mail: info@acrypolproducts.co.uk

