

## Kemperol 2K-PUR Ensures Business-as-Usual by the Book

New Eltham Library, Greenwich, London



A library in South London has kept borrowers, books and services dry and leak-free thanks to a roof refurbishment project using Kemperol 2K-PUR from Kemper System.

New Eltham Library in Greenwich is a 1920s building with a central pitched roof surrounded by flat roof areas. Thanks to thieves who had stolen lead from the box guttering and dislodged slates in the process, the integrity of the roof was compromised, and the asphalt areas of the flat roof had begun to leak.

Greenwich Council needed to find a roofing solution that would enable business-as-usual operation of the library during the roof refurbishment and address the issue of lead theft without changing the appearance of the heritage building. Kemper System's solvent-free and odourless Kemperol 2K-PUR system provided the answer.

Explains Hew Polson from Greenwich Council: "We had to be confident that there would be no health & safety risk to staff or library users and that the library could retain the same pleasant atmosphere while work was taking place, so a solvent-free odourless system was ideal. And, of course, we needed to be confident that the waterproofing system would also provide a long-term solution to the problem, so Kemperol 2K-PUR's 20-year guaranteed service life was also a big deciding factor."

Based on an 80% sustainable castor oil formulation, Kemperol 2K-PUR is a liquid waterproofing resin that saturates a non-woven polyester reinforcement fleece manufactured from 25% recycled content. Applied in a single process it cures quickly to form a durable yet flexible membrane that bonds to almost any substrate and cannot delaminate. Specialist contractor, Capital Roofing, installed the Kemperol 2K-PUR on a 200m<sup>2</sup> area of flat roof at the library, incorporating the box guttering to provide a high integrity waterproof membrane that gives an authentic 'lead' appearance.

Thanks to solvent-free and odourless system, the roof refurbishment was successfully completed without the need for any unscheduled library closures or disruption to staff or service users.

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