



KEMPER SYSTEM HELPS TO RESTORE HISTORIC EDWARDIAN MANSION

The roof of a Grade II Listed Edwardian country house has been repaired thanks to a liquid waterproofing solution from Kemper System.

Located on a 1,800-acre estate within the South Downs National Park on the Hampshire/Sussex border, Stansted House originally served as a hunting lodge in the 11th century. It has since been extensively redeveloped and is now used as a tourist attraction and for a variety of events, including weddings and corporate functions. It also offers residential and office space.

The 500 sq m roof had been laid with lead roll which were spread over three tiers and also used across nine dormer flat roofs. Over time, parts of the lead had become damaged due to age so were causing water ingress at several points.

To resolve these issues, roofing contractor, All Angles Roofing, specified Kemper System's Kemperol V210M, a cold-applied liquid waterproofing system.

The existing damaged lead substrate was cleaned and prepared, and the Kemperol was then applied over the top in a single, wet-on-wet process. This involved the use of an innovative polyester reinforcement fleece, designed to increase the speed of resin saturation and allow trapped air to escape quicker to save time on site and further improve the ease of application.

Once cured, the system formed a seamless, elastomeric waterproof membrane which bonded directly to the substrate.

Mike Baulu, director of All Angles Roofing, said: "Replacing lead with lead would have been expensive, so we advised the use of Kemperol V210M, which offered a very cost-effective, reliable, and quick solution for this prestigious refurbishment project."

"The system eliminated the need to remove, and dispose of, the existing lead - and as it is cold applied, it ensured the waterproofing process was very time efficient. This was particularly important to minimise disruption for the occupants of Stansted House and its visitors, enabling the building to remain open throughout the works."

A further benefit of the Kemperol was its 'grey' colour which emulated the weathered appearance of the original lead substrate.

Victoria Ramwell from Kemper System added: "The Kemperol V210M has provided this historic building with a highly durable roof covering that cannot delaminate and is UV stable. Solvent free and tear resistant, the system is proven to last for at least 25 years."