

Sika at Work



Roofing

Calshot Castle

Roofing: Decothane Gamma 20





Project Requirement

Calshot castle was built by King Henry VIII in 1539, as part of his tactical chain of defences along the English South Coast, as invasions from French and Spanish natives were predicted after his break from the Roman Catholic Church.

Later, the castle played an important role in the First World War, and provided a training base for Pilots. It also was also utilised in World War II, when it became home to 'The Sunderland Flying Boat'. After a long, chequered military history, Calshot Castle closed as an RAF base in 1961. Today the castle is run by Hampshire Council, and has become somewhat of a benchmark in outdoor education facilities across Britain.

As a conservation project, Hampshire Council wanted to stop the water ingress to the castle keep by means of replacing the existing defective asphalt roof, wall tops and gun emplacements, as well as consolidation of the high level stonework above the roll moulded string course at parapet level.

Sika Liquid Plastics Solution

Sika Liquid Plastics Decothane Gamma 20 was used to coat the existing 130m² asphalt roof. The product was easily applied over the failed asphalt eliminating the need to strip off the old material, which in turn reduced the amount of disruption caused.

Decothane Gamma 20 is a completely cold applied polyurethane membrane that cures to provide seamless waterproof protection.

The perimeter parapet walls and coping stones were also treated in the Decothane coating, to prevent any further water ingress into the castle.

Furthermore, the client was given a 20 year single point guarantee, offering complete peace of mind and offering a viable long term investment.

Project Participants

Contractor: Heartfelt Roofing
Client: English Heritage
Size: 130m²



Sika Limited
Sika House
Miller Street
Preston
PR1 1EA

T: +44 (0)1772 259 781
F: +44 (0)1772 255 670
E: liquidplastics@uk.sika.com
www.liquidplastics.co.uk

