

Roof refurbishment, Carlisle Infant School, Hampton



Project Brief:

Carlisle Infant school in Middlesex, the roofs of the main teaching blocks were reaching the end of their serviceable life and required a comprehensive refurbishment. Following a site survey of the existing felt on the two buildings at the school, built in the 70s and 90s, it was determined that an overlay system was the most viable option.

Working with the licensed contractor, Proteus Waterproofing supplied 425m² of its high-performance Proteus Pro-Felt® Endura single layer cap sheet, a fully-bonded solution. This required no mechanical fixing and would provide a long-term solution and a safe, efficient application. On completion the new waterproofing membrane was supported by a 20-year guarantee.

Key Requirements: High performance waterproofing

The build-up of the existing roof system, comprising a Felt Cap sheet, Felt Underlay, 50mm PIR Insulation and a Cement faced Woodwool

deck, formed a suitable substrate to accept a new overlay system. Proteus Pro-Felt® is engineered with the most advanced technology in bituminous membranes available. It has class-leading SBS content which allows the flexible membrane to move with the building and ensure long term durability and performance.

Key Requirements: Quality control

Due to the complex nature of the works, Proteus Waterproofing worked in close partnership with its licensed contractor to successfully deliver the project to a very high standard.

Key Requirement: Long term performance

Proteus Pro-Felt® waterproofing system offers 10, 15, 20 and 25-year durability options which are also available with independent insurance-backed guarantees. A range of roofing system solutions are available including inverted roofs, green roofs and podium decks.

Proteus Industrial Technologies Ltd.

21a Sirdar Road
Brook Road Industrial Estate
Rayleigh
Essex SS6 7XF

Tel: 01268 777871
Fax: 0845 2991215
Email: office@proteuswaterproofing.co.uk
www.proteuswaterproofing.co.uk