



Proteus Waterproofing

Case Study: Cold Melt®

Roof Refurbishment, Osca Hall, Henham



Project Brief:

The old building of Osca Hall which served as the school house to the village of Henham, now provides as an events venue for the local community. Osca Hall required an external roof refurbishment to include the pitched tile roof and flat roof. The **Proteus Waterproofing** roof survey, condition report and specifications provided the client with a comprehensive understanding of the issues which offered the most practical, cost effective and durable waterproofing solution.

Key Requirements: High Performance Waterproofing

Due to the age of the building, the new roof system needed to incorporate the classic look of the building. The use of a flame roof torch and hot boilers were not considered safe options due to the potential fire risks, therefore **Proteus Waterproofing's Cold Melt® Warm Roof Hybrid System** a cold applied, no odour roof system was installed. This limited the use of heat guns, offered an appropriate finish and extended the life of the building for a further 20 years.

Key Requirements: Quality Control

To protect the local environment, an odour free roof system was required. **Proteus Waterproofing** worked in close partnership with the licensed contractor to successfully complete the project to a very high standard, meeting all the health and safety requirements. This minimised disruptions to staff and members of the public.

Key Requirements: Seamless Waterproofing

Incorporating recycled rubber crumb and organically grown products, **Cold Melt®** creates an elastomeric, seamless, cold applied waterproofing membrane. The **Cold Melt®** system can include inverted roof insulation and, with or without insulation, can be designed as a paved, ballasted, green or brown roof. The membrane does not become brittle with age, and is **BBA** Certified to last the life of the building.

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