

Dane Court Grammar School, Broadstairs

Project Size: **543m²**
Project Type: **Refurbishment**
Industry: **Education**
Application: **Flat roofs**
System: **Proteus Pro-Felt®
Endura**



Project Overview

Based in Broadstairs, Dane Court Grammar School accommodates children from 11 to 19 years of age across both senior school and sixth-form setting. Proteus Waterproofing® carried out a survey on the flat roof areas in order to determine their condition. Core samples showed that the roof was suffering from condensation due to a lack of insulation above the roof deck. Because of this, the existing roof coverings were not suitable to receive an overlay system.

Therefore, our dedicated technical team formulated a plan which would provide a new thermal and waterproofing system.

Key Challenges & Solutions

- **Budgetary constraints:**

A cost-effective and durable solution was required by the client, so we designed a suitable scheme to fit within the specified budget.

- **Inadequate falls:** Some of the roof areas had inadequate drainage falls. Our technical team designed a cut-to-falls tapered insulation scheme in these areas to improve the roof drainage, and to conform with Building Regulation Part L for thermal performance.

Conclusion

Regular site visits by our technical team, as well as exemplary workmanship, ensured that the project progressed efficiently. Guidance was provided by Proteus throughout every stage of the project to ensure all areas of the specification were met. Upon completion and technical sign-off, our Proteus Insurance Backed Guarantee was put in place to provide cover for 30 years and support the project for the future.

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