



Turriff Academy

WATERPROOFING: Euroroof Mono Olivine

PROJECT SIZE: 2,500m²

PROJECT LOCATION: Aberdeen

Turriff Academy



Before



After

Project Overview

Turriff Academy is a non-denominational secondary school located in the heart of Turriff, Aberdeenshire. Originally constructed in the late 1950s and early 1960s, the school's architecture incorporates subtle Art Deco influences that remain a feature of the site today.

The Academy roof has deteriorated significantly over the decades, prompting the council to undertake essential refurbishment works to secure the building's long-term future and to improve energy efficiency.

The works formed part of a wider programme of improvements across multiple sections of the school, addressing not only the roofing, but also associated elements, including insulation, fascias and rainwater goods. Maintaining a safe, weatherproof, and comfortable learning environment was a key priority for the council.

The project demanded careful logistical planning, with site teams navigating restricted access and a series of local road closures, whilst also ensuring minimal disruption to daily school operations.

Client Brief

The brief was to provide a roofing solution that could deliver long-term performance and sustainability, while adhering to the strict safety protocols in place across education environments. A flame-free installation was a central requirement, reflecting the client's zero-flame policy; designed to eliminate any risk of fire during construction works.

The objective extended beyond simple repair. The refurbishment aimed to restore the integrity of the existing structure while enhancing its appearance and long-term suitability for use as a modern educational facility. Works were prioritised to target the roof areas in the poorest condition first, delivering sustainable improvements within the constraints of available funding, timings, and access.

Solution

Alumasc carried out a detailed site survey, including a comprehensive drone inspection. Multiple areas of water ingress and saturated insulation were identified, confirming that the roof had reached the end of its serviceable life. Alumasc provided a thorough condition report and performance specification, recommending the Euroroof Mono Olivine system as the optimal solution for both

performance and environmental benefit.

Alumasc's Registered Installer Briggs Amasco, installed approximately 2,500m² of Euroroof Mono Olivine to the prioritised roof areas.

The system features Alumasc's high-performance Euroroof Mono Olivine membrane - an adhered, single-layer SBS polymer-modified bituminous membrane with an Olivine surface. The membrane was adhered using a polyurethane adhesive, facilitating rapid, flame-free installation and ensuring strong adhesion across all substrates.

A key feature of the system is its innovative Olivine mineral surface. The Olivine granules, composed of magnesium iron silicate, react with carbon dioxide in rainwater to form harmless by-products such as silicon dioxide (sand) and magnesium carbonate. This unique property contributes to the reduction of atmospheric CO₂, offering genuine environmental advantages alongside superior technical performance.

The system is suitable for both new build and refurbishment applications, with compatibility across warm and cold roof configurations. Euroroof Mono Olivine offers a BBA-certified lifespan in excess of 25 years (Certificate No. 24/7275).

The Turriff Academy installation is supported by Alumasc's comprehensive 25-year warranty.

Essential Collaboration

Following a successful tender process, Alumasc recommended Briggs Amasco as the installing contractor and worked closely with them to deliver the project, ensuring consistent quality and compliance. Alumasc conducted regular site visits throughout the project and provided the client with detailed reports, offering additional quality assurance. Alumasc and Briggs Amasco have nurtured a long and successful working relationship, spanning an extensive project portfolio. The trust and teamwork developed over this time played a vital role in the smooth and well-coordinated delivery of the Turriff Academy project.

This refurbishment demonstrates the strength of Alumasc Roofing's partnership approach. Combining proven system performance, environmental innovation and exceptional technical support, the project has provided the Academy with a durable, sustainable roofing solution designed to protect this important community building for decades to come.



www.alumascroofing.com



+44 (0)1744 648400



info@alumascroofing.com



ALUMASC
ROOFING