PROJECT CASE STUDY

Ashton Vale Primary School

Flat Roofing & Rooflight Refurbishment





BACKGROUND

With the existing roof coverings at Ashton Vale Primary School in Bristol deteriorating and reaching the end of their serviceable life, Excalibur Academies Trust commissioned Tremco Roofing Systems to undertake a detailed roof investigation, overseen by Estates Business Partner Neil Archibald. Core samples were taken from the affected areas, informing a comprehensive specification and tender process that led to the appointment of Inspire Contract Services to deliver the refurbishment.

The project covered the plant room, kitchen, corridor and reception roofs, with works scheduled during the summer holidays to avoid disruption to the school's normal activities. Inspire had a five-week window to complete the refurbishment, before pupils returned for the new academic term.

The refurbishment involved stripping the existing roof coverings and installing a new Tremco POWERply roofing system, incorporating a vapour control layer, tapered insulation, underlay and cap sheet. The system is backed by a 20-year warranty, providing reassurance over the long-term waterproofing performance of the refurbished roof areas. The project also included an upgrade to the existing kitchen rooflight.

By undertaking the works while the school was closed, Inspire was able to carry out the refurbishment without disrupting normal school activities. All works were successfully completed within the agreed programme, ensuring the upgraded roof areas were ready for the start of the new academic year.

CLIENT	Excalibur Academies Trust
SECTOR	Education
LOCATION	Bristol, Avon
SOLUTION	Flat Roof Refurbishment & Rooflight Upgrade



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THE WORKS

The scope of works involved the refurbishment of four separate flat roof areas, incorporating new waterproofing systems, upgraded insulation and improvements to the existing kitchen rooflight:

Roof Refurbishment:

- Removal of the existing deteriorated roof coverings across the designated areas.
- Installation of a new vapour control layer as part of the roof build-up, followed by tapered insulation to the refurbished roof areas.
- Application of the Tremco POWERply roofing system, incorporating underlay and cap sheet.
- Regular inspections of the roofing installation by the Tremco roofing surveyor, with works checked and signed off throughout the programme.

Associated Works & Improvements:

- Refurbishment of the plant room roof area.
- Refurbishment of the kitchen roof area, including an upgrade to the existing rooflight.
- Replacement of roof coverings to the corridor roof area.
- Replacement of roof coverings to the reception roof area.
- Coordination of the works across all four areas within the five-week summer holiday programme.

THE RESULT

The completed refurbishment has provided the school with upgraded flat roofing systems across four key areas of the building. The new Tremco POWERply system, incorporating tapered insulation, offers improved protection against the elements and is supported by a 20-year warranty. Regular inspections and sign-off by the Tremco roofing surveyor throughout the works provided additional assurance over the quality and long-term performance of the installation.

By replacing the deteriorated coverings, the project has addressed the ageing roof construction and provided a more durable, modern roofing solution. The inclusion of tapered insulation within the roof build-up provides enhanced drainage, while the improvements to the existing kitchen rooflight have enhanced this element of the building.

Undertaking the works during the summer holidays allowed Inspire to complete the refurbishment without disrupting the school's normal activities. The programme covered four separate roof areas, requiring an organised approach to ensure the various elements were delivered within the available timeframe.

All works were completed on schedule within the allotted programme, ensuring the refurbished roof areas were ready ahead of the new school term. The success of this project demonstrates Inspire's ability to deliver coordinated roof refurbishment programmes within educational environments, combining quality workmanship with effective planning and delivery.





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