



CASE STUDY

Villatile

Palmer Cross School

Britmet supported the roof refurbishment at Palmers Cross Primary School, replacing the old asbestos roof with a lightweight metal roofing system. The solution kept the traditional appearance while allowing the work to be completed within the 9-week programme.

Product Used:
Villatile

Project Size:
1680 sqm

Sector:
Education

Main Contractor:
NRA Roofing

Project Details

Britmet was proud to support the roof refurbishment at Palmers Cross Primary School in Wolverhampton, where William Gough & Sons Ltd appointed NRA to deliver the full roofing package. The existing asbestos pantile roof installed on steel purlins required complete replacement across a 1,680 m² roof area, with a project value of £540,000.

Working closely with the contractor, Britmet helped design a built-up metal roofing system incorporating Britmet TacTray 90, 200 mm mineral wool insulation, double counter battens, breather membrane battens, and the Britmet lightweight Pantile 2000 system. The refurbishment also included the installation of new UPVC gutters and downpipes, all delivered within a tightly managed 9-week programme.

Proposed Solution

- Replace the asbestos roof with a lightweight Tac Tray 90 and Pantile 2000 system, maintaining the traditional appearance while providing a durable, low-weight solution.
- Pantile 2000 to enable quick installation and phased working, to help meet the 9 week deadline before the school reopens.





Benefits and Challenges

By working collaboratively with the contractor team, Britmet provided a lightweight, high-performance roofing solution that significantly improved the building's insulation, durability, and long-term maintenance requirements while replacing the hazardous asbestos roof. One of the key challenges of the project was delivering the works within a live school environment and within a restricted 9-week programme. Careful coordination between trades, phased working, and weekend operations ensured the installation could progress safely while minimising disruption to staff and pupils.

Project Outcomes

Through close collaboration between Britmet, NRA, William Gough & Sons Ltd and the school, the project was successfully completed on programme using a carefully managed phased approach. Britmet's TacTray 90 and Pantile 2000 system provided a durable, lightweight roofing solution that met the project's performance requirements while allowing for efficient installation. The completed roof delivers a safe, modern, and well-insulated roofing system, ensuring long-term protection and improved performance for the school building.

