

VILLATILE



Britmet's lightweight Villatile is expertly crafted to replicate the classic profile of a traditional pantile double Roman concrete tile.



BRITMET
LIGHTWEIGHT ROOFING

CASE STUDY

The installation of Britmet Villatile on Palmer Cross School proved highly successful. The existing school roofs were failing and were no longer meeting the school standards, making it unsafe for students and staff. Villatile provided a durable, weather-resistant solution while enhancing the building's appearance and energy efficiency.

Product Used:
Villatile and TacTray 90

Project Size:
1680 sqm

Sector:
Education

Main Contractor:
NRA Roofing



Palmer Cross School, Villatile

Project Details

Britmet was proud to support the roof refurbishment at Palmers Cross Primary School in Wolverhampton, where William Gough & Sons Ltd appointed NRA Roofing 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.

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 Villatile system. The refurbishment also included the installation of new UPVC gutters and downpipes, all delivered within a tightly managed 9-week programme.

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, this £540,000 project was successfully delivered on programme using a carefully managed phased approach. Britmet's TacTray 90 and Villatile systems provided a durable, lightweight roofing solution that met all performance requirements while enabling efficient installation. The completed roof offers a safe, modern, and well-insulated system, ensuring long-term protection and enhanced performance for the school building.