

4 Minute Read

Educational Building



BRITMET
LIGHTWEIGHT ROOFING



Project Details

This case study highlights the successful implementation of Britmet's Plaintile product on Wellington School, located in Greater Manchester. The project, carried out by Everlast, encompassed a total area of 1200 sqm and aimed to improve the infrastructure of the existing roof. This case study examines the benefits, challenges, and outcomes of utilising Plaintile.

Wellington School, located in Greater Manchester, has been facing persistent challenges due to vandalism and damage caused by ball games near the roof. These incidents have resulted in frequent repairs, substantial costs, and disruptions to the school's daily operations. To address these issues and provide a durable, long-lasting roofing solution, Wellington School turned to Britmet Lightweight Roofing's Plaintile product. This case study explores the successful implementation of Plaintile on the school's roof, highlighting the benefits and outcomes achieved.

Product Used:
Plaintile, Bramble Brown

Project Size:
1200sqm

Sector:
Education

Main Contractor:
Everlast Group

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Wellington School, a prominent educational institution in Greater Manchester, has a long-standing history of providing quality education to its students. Unfortunately, the school has faced ongoing issues with vandalism and damage caused by ball games near the roof. These incidents resulted in broken tiles, leaks, and subsequent water damage to the school's interior, requiring frequent repairs and increased maintenance costs.

Plaintile is a durable and aesthetically pleasing lightweight roofing material that offers long-term performance and weather resistance. Its stylish design and robust properties make it an ideal choice for enhancing the visual appeal and durability of roofs and cladding.

The project involved upgrading the roofing system of the school roof spanning a total area of 1200 square meters. The challenges Wellington School faced due to roof damage were numerous. The school experienced repeated incidents of deliberate damage to the roof, resulting in broken and dislodged tiles, along with students playing ball games near the school building often causing unintended damage to the roof, leading to cracked and damaged tiles. The continuous need for repairs and maintenance put a strain on the school's budget, diverting funds that could have been allocated to educational resources.



To address the recurring roof damage and mitigate ongoing repair costs, Wellington School sought a durable roofing solution. After extensive research and consultation with roofing experts, the school decided to implement Britmet Lightweight Roofing's Plaintile.

Benefits and Challenges

The selection of Plaintile offered several advantages for Wellington School. Plaintile is manufactured from high-quality materials designed to withstand impact and resist damage, making it ideal for areas prone to vandalism and ball games, whilst its lightweight nature reduces the load on the roof structure, ensuring that it remains stable while accommodating any future installations or repairs. Plaintile's wide range of colours and finishes allowed Wellington School to choose a design that complemented the architectural style of the building, enhancing its visual appeal. The advanced material technology used in Plaintile ensures a long lifespan, minimizing the need for frequent repairs and reducing overall maintenance costs. Plaintile is designed to withstand harsh weather conditions, including heavy rains, fierce winds, and temperature variations, providing optimal protection to the school's interior.

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Project Outcomes

The implementation of Britmet Lightweight Roofing's Plaintile solution on Wellington School's roof resulted in several positive outcomes. Plaintile's durability and impact resistance significantly reduced the risk of damage caused by vandalism and ball games, providing increased protection for the school building. With the robust and long-lasting nature of Plaintile, the frequency of repairs and maintenance decreased, leading to substantial cost savings for the school. The wide range of colour options and attractive finishes of Plaintile improved the overall appearance of the school building, enhancing its visual appeal within the local community. The longevity of Plaintile ensures that Wellington School will enjoy a reliable roofing solution for many years to come, minimizing the need for future renovations or replacements.

Conclusion

By choosing Britmet Lightweight Roofing's Plaintile, Wellington School successfully addressed the challenges of roof damage caused by vandalism and ball games. The implementation of this durable and aesthetically pleasing roofing solution has provided the school with enhanced protection, reduced maintenance costs, and improved the overall appearance of the building. Wellington School can now focus on its core mission of providing quality education while enjoying the benefits of a reliable and long-lasting roof.



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