

PROJECT PROFILE

West Lancashire College Skelmersdale



Sector: Education

Client: BAM Construction

Size: 7,000m²

**System: Hot Melt, Single Ply
& Standing Seam**

Project Overview

West Lancashire College is a further education establishment serving the whole of West Lancashire and surrounding districts. With over 4,500 students, the college offers a world class learning environment and offers a wide range of vocational and work based qualifications. In late 2011, it opened a brand-new, state-of-the-art facility in Skelmersdale, a £42.8 million project that would further improve education, training and skills opportunities for the local community.

“A challenging and relatively complex roofing project, but one where MAC Roofing once again demonstrated why they are often the first choice for specifiers & clients in the education sector.”



The Solution

This project required a versatile, experienced roofing contractor and, with extensive experience in the education sector, MAC Roofing was the ideal choice. Most of the flat roof area was protected with monolithic hot melt waterproofing which formed part of the specified inverted roof build-up. This also incorporated Dow's XPS insulation in order to achieve the desired U-value performance. Elsewhere, polymeric single ply was installed onto the top of the roof light wells, and standing seam metal roofing was fixed to the new sports hall as part of an acoustic build-up specification.

The unusual shape of the college roof added an extra challenge to the successful completion of this project, as did the large number of mechanical and electrical contractors that were present whilst the roofing system was being installed. However, despite these challenges, MAC's first class workmanship ensured a long-lasting, watertight finish on a prestigious new build project that is fit for the future.



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