



Case Study



Project: New Sports Hall - Garstang High School, Lancashire

Product/System: Extensive Sedum Green Roof System

Size/Value: 1218m²

Garstang High School were awarded planning permission for a much needed new sports facility, on condition that it made minimal impact on the surrounding countryside. The approved design incorporated an innovative sloping roof with a waterproof liquid membrane and a sedum overlay to blend in with the surrounding hills and countryside.



Gables UK Ltd applied a 25 year, root resistant, waterproof system over a new Kingspan Envirodeck profile metal decking. Once the new roof was fully waterproofed, our team installed an extensive green roof system, consisting of a growing medium and sedum blanket. As the photos show, this provided a natural complementary aspect to the building, matching the surrounding hills and fields. Over the coming years, this roof will naturally re-seed to take on local plants and become a habitat for wildlife, helping to offset the carbon footprint of the building.



You can see how well the final result fits in with its surroundings




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