

# PROJECT PROFILE

## Moreland Primary School Islington, London

**Sector: Education**

**Client: Morgan Sindall**

**Size: 1,800m<sup>2</sup>**

**System: Hot Melt, Biodiverse  
Roof Garden, Blue  
Roof & Soft Play Area**

### Project Overview

MAC were chosen to install a complete waterproofing system to this new build school, along with a number of other environmental and child friendly surface finishes that helped to create a BREEAM Excellent rated roof. The core roof build-up (1,800m<sup>2</sup> on two levels) incorporated a hot melt roof membrane, inverted roof insulation and separation membrane followed by a Blue Roof rainwater attenuation system. The roof area was then developed into four distinct surface finishes. This included a biodiverse green roof, hard landscaping, hard landscaping with PV units and on the lower roof a rubber crumb soft play area for the children to use at break periods.

“MAC Roofing’s Operatives installed a complete roof waterproofing system with a comprehensive range of accessories that enabled this project to achieve a BREEAM rating of Excellent.”



### The Solution

This was Morgan Sindall’s first Blue Roof project and MAC worked closely with all parties to ensure that the total roof assembly was compatible and would work. The design brief was to replace the previous building with a much bigger school within the same boundaries. The architects also had to deliver a BREEAM Excellent rated project and the incorporation of a number of environmentally friendly components into the roof assembly enabled this objective to be achieved.

One of the biggest problems was the project’s location on a busy road in central London, surrounded by various occupied commercial and residential buildings. The lack of storage space at ground level was another challenge which had to be overcome. However, MAC Roofing led the design, development and delivery of the roofing system, and the robust hot melt membraneroofing system together with the associated components were able to cope with these disturbances. Morgan Sindall, the project architect and Islington Borough Council were all very pleased with the completed installation and are creating similar projects in other parts of the Borough.

**MORGAN  
SINDALL**

**MAC Roofing & Contracting Ltd**

(Head Office) Unit 1, Lumina Business Park, Martindale Road, Bromborough, Wirral, CH62 3PT  
T: 0151 346 2670 F: 0151 334 0796

(Southern Office) The Junction, Station Road, Watford, WD17 1ET  
T: 01923 545 745

E: admin@macroofing.com W: www.macroofing.com

**mac**  
ROOFING & CONTRACTING  
LIMITED