



Green Gates Primary School

Project size 1400m² - Completed Within 11 weeks

INTRODUCTION

DVC Commercial Roofing undertook a comprehensive roof refurbishment at Green Gates Primary School, involving a full strip back to the timber deck across the existing flat roof areas. The project uncovered a complex roof build-up, comprising approximately five layers of aged capsheet that had developed over time through successive maintenance works.

These were carefully removed to expose the structural deck before installing a new high-performance roofing system, including PIR insulation and a vapour control layer (VCL), significantly improving thermal efficiency and long-term durability.

PROJECT OVERVIEW

The strip-out process proved particularly challenging due to the existing materials, resulting in a slow and methodical removal programme. The project also required detailed logistical planning, as works were carried out within a live school environment, commencing while the school remained fully operational and continuing through to completion in the later stages of the programme. Strict health and safety measures were implemented to ensure full segregation of working areas, maintaining a safe environment for pupils, staff, and contractors at all times.

Despite these constraints, the project was successfully delivered through close coordination and careful sequencing. The completed roofing system significantly improves the building's weather protection, thermal performance, and overall lifespan, demonstrating the successful delivery of complex works within an occupied educational setting.





The existing roof was assessed and found to be heavily weathered, with tough, aged materials requiring careful removal. Early planning focused on safe access, programme sequencing, and maintaining full school operation throughout the works.



Works were carried out in a live school environment with strict health and safety controls and segregated working areas. Alumasc Derbigum Olovine was selected for its durability, long lifespan, and proven performance as a high-quality waterproofing system.



The completed roofing system significantly improves weather protection, thermal efficiency, and overall building performance. The new installation provides a durable, low-maintenance finish, extending the roof's lifespan while ensuring minimal disruption to the school during delivery.

