

CASE STUDY



ORIEL HIGH SCHOOL - MAIDENBOWER CRAWLEY, WEST SUSSEX

Oriel High School was the first in a series of schools in Crawley to be constructed from cold rolled lightweight steel, onto a concrete structural frame, where the panels were pre-assembled in factory conditions.

The frames were faced with a cement particle board, with a glazed window pre-installed and were delivered direct to site for erection using a tower crane & scissor lift.

The significant advantage of this concept was to overcome the weather delays on on-site construction and totally eliminate the need for scaffolding.

The final finish was achieved via a hopper fed spray application which also proved to reduce on-site time.

The success of the first project at Maidenbower has since led to two additional new build schools in Crawley adopting the same method of construction.



Main Contractor: HBG, London
Applicator: Purkiss Bros Ltd
System: WBS External Wall Insulation System (70mm EPS)
Finish: WBS 1.5mm Silicone Render & Terracotta Tiles