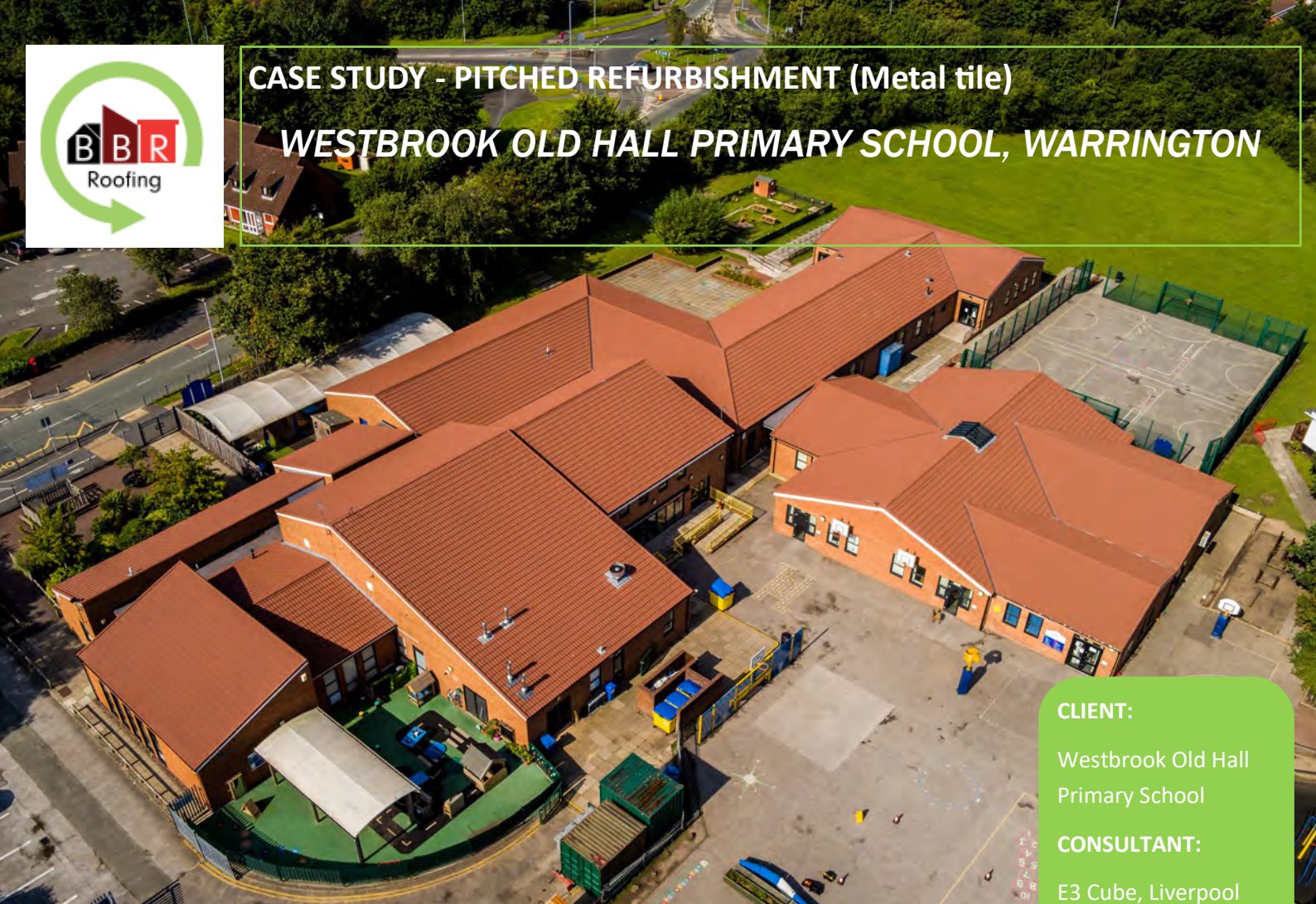




CASE STUDY - PITCHED REFURBISHMENT (Metal tile)

WESTBROOK OLD HALL PRIMARY SCHOOL, WARRINGTON



CLIENT:

Westbrook Old Hall
Primary School

CONSULTANT:

E3 Cube, Liverpool

SIZE: 2450m²

VALUE RANGE:

£250-500,000

SPECIFICATION;

Pitched roof replacement;

- ◇ Decra metal tile
- ◇ Timber battens & Counter-battens
- ◇ Actis Boost-R Insulation

As part of a CIF (Condition Improvement Fund) allocation, the original concrete pantile roof of the Westbrook Old Hall School was completely replaced. The existing roof covering had broken tiles in many locations as well as defective details at abutments and around penetrations, all leading to water infiltration into the building.

A replacement roof covering utilising Icopal Decra metal tiles in conjunction with Actis Hybrid insulation was specified by the consultants for the project.

BBR Roofing were appointed to carry out the works, which involved the stripping of the complete roof covering from the entire school, and replacing with the specified system. The expanding polyethylene foam insulation was inserted between rafters, and a layer of multi-foil insulation, which incorporates a breathable membrane, dressed over the tops of the rafters. Counter-battens and tile battens provide the support for the Decra metal tiles, which replicate the appearance of a traditional pan-tile.

New upvc fascia boards and guttering completed the works, giving the school an aesthetically pleasing appearance as well as a durable and functionally weatherproof roof.



Existing roof tiles