

CASE STUDY



HOPEWOOD PARK
HOSPITAL
Sunderland



PROJECT
Award-winning new hospital

ARCHITECT
Medical Architecture

ROOFING CONTRACTOR
Barclay Roofing Ltd

PRODUCT
Cambrian Slate
in Slate Grey

ROOFING PRACTICE

Redland's Cambrian Slates were specified for the roofing and cladding of a multi-award winning psychiatric hospital, Hopewood Park in Sunderland, because of their lightweight and classic aesthetic quality.

The £40million facility was designed to create a relaxing and non-clinical environment for patients suffering from a range of psychological issues. The state-of-the-art hospital is a feat of ingenuity and the roof design represents the first step towards a new method of roofing.

In a bid to save time and reduce the possibility of on-site accidents, Senior Architect Paul Yeoman's from Medical Architecture worked closely with Redland's specification team to design a roofing system that could be built at ground level and would not require scaffolding. The slates had to be lightweight to make the process of craning the cassettes up off the ground and securing them onto the roof as easy as possible. Cambrian Slates are made from over 60% recycled Welsh slate, meaning they are able to capture the character of natural slate while performing on low pitches and being light in weight.

Speaking about the project, Paul Trelease from Barclay Roofing Ltd. said: "This was one of the most challenging roofing projects I have been involved with. The tiles had to be laid to millimetre precision otherwise they would not interlock correctly once the cassettes had been lifted onto the roof. It was certainly a learning curve for all involved, but we pulled together and created something out of the ordinary."

Since completion, Hopewood Park has won multiple RIBA awards, been nominated for an National Federation of Roofing Contractors Award, and for several other awards.



Redland Cambrian Slates embody the beauty and character of natural slate. Manufactured in Wales from 60% recycled Welsh slate with a thin leading edge. Interlocking, they are made to meet the latest performance requirements and, whilst light in weight, Cambrian's unique three-point fixing makes them suitable for even the most exposed sites.



**WE
CREATED SOMETHING
OUT OF THE ORDINARY**



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