

Leading Leeds hat-trick for Rhepanol fk from SIG Design & Technology



Location	Leeds
Project	£3million new-build, in Building Schools for the Future programme
Client	Leeds Local Education Partnership
Architect	Stephen Finch, Watkins Gray International
Main contractors	Environments 4 Learning led by Interserve Project Services
Roofing Contractors	Ashgate Roofing Systems Ltd (SIG-accredited)
Roof Design & Supply	SIG Design & Technology
Type	New build
Membrane	Rhepanol fk supplier
Vapour barrier	Plana V2 ex Asphaltic
Scope	7,500 square metres over 7 roofs

Secondary school education in Leeds has been at the cutting edge of the government's ambitious Building Schools for the Future programme, with the award-winning £31 million transformation of Allerton High School leading the way.

Prime Minister, Gordon Brown officially opened the new state-of-the art facilities at the specialist business and enterprise school: an innovative design featuring four learning "pods" based around a central street area and with the addition of a £1.3million multi-faith centre to provide a unique community focus.

SIG Design & Technology worked with the Interserve-led consortium, *Environments 4 Learning* on the project, along with nearby Pudsey Grangefield and Rhodillion secondary schools, all of

which underwent a total rebuild, to help create groundbreaking 21st century roofing solutions – a fitting match for the contemporary new learning facilities.

The large and complex roofing project includes a series of spectacular architectural rooflights; walkways and a detailed “shadow line” external finish to the parapets. The roof of the concrete framed building was made up with a concrete base and was covered with 7,500 sq m of Rhepanol fk, the world’s most advanced single-ply roofing membrane, with Plana V2 vapour barrier supplied by SIG Design & Technology. The Rhepanol membrane was bonded to a complex tapered thermal insulation system by Ecotherm.

Despite a series of setbacks, including gales, during the course of the job, roofing specialists, Ashgate Roofing Systems Ltd handed over the Rhepanol roofs, backed with a 15-year warranty, in good time.

Project Manager Martin Brown of Interserve, who recommended Rhepanol as the preferred single-ply membrane, commented: “We selected Rhepanol fk for a number of reasons, not least its ease of applications. The elimination of hot works provides major benefits and with Rhepanol that’s combined with life cycle credentials and a strong warranty.”

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Our mailing address is:

SIG Design & Technology

Mannheim House

Gelders Hall Road

Shepshed, Leicestershire LE12 9NH

United Kingdom