

Riverside Primary School

Perth, Scotland



Metal Technology
Steeple Rd Industrial Estate
Steeple Road
Antrim BT41 1AB
Northern Ireland
metaltechnology.com

T+44 (0)28 9448 7777 | orders@metaltechnology.com | Follow us on [LinkedIn](#)





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Metal Technology provided its Passive House certified systems for Scotland's first Passivhaus Primary School

Scotland's first Passive House primary school, Riverside Primary, was built in the grounds of North Muirton Primary School and accommodates pupils from both North Muirton and Balhousie Primary School. Designed by Architype and delivered by Robertson Construction, the school opened its doors in June 2023, accommodating 500 pupils and also includes a nursery and additional support needs (ASN) provision.

Metal Technology supplied its high-performance glazing solutions for this state-of-the-art school, including its Passive House certified systems. Metal Technology worked with the design teams to ensure full compliance with Passivhaus standards which involved high level and technical engagement, and provided technical detail to evidence the exacting performance requirements for the windows and curtain walling. This technical detail was further developed to enable innovation through the introduction of a slimmer mullion (frame) profile to be designed and installed, which resulted in an enhancement in the natural daylight available in each classroom.

At the Learning Places Scotland Awards in Nov 2023, Riverside Primary won the 'Innovation in Delivering a Sustainable Learning Place' award. We are proud to have helped deliver this highly energy-efficient, low carbon school, which has provided its pupils with a healthy, innovative learning environment.

Client

Perth & Kinross Council
and Hub East Central
Scotland

Fabricator

Avtek Solutions

Architect

Architype

Main Contractor

Robertson
Construction Tayside

Systems Used

THERMAL

System 5-45 Hi / Hi+
Passive House
Tilt & Turn Window

THERMAL

System 5-20D Hi+ Door

THERMAL

System 17 Hi+
Curtain Walling

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