

## Riverside Primary School



PRIMARY SCHOOL ACHIEVES PASSIVHAUS ACCREDITATION WITH HELP OF FORBO FLOORING SOLUTIONS With an ambitious target set to reduce energy costs and create a space that promoted the wellbeing of students, Architype specified a range of Forbo Flooring Systems' environmentally conscious floor coverings to meet these important objectives on the new Riverside Primary School. Based in Perth, Scotland, Riverside Primary School is the first Passivhaus designed primary school in Scotland. Passivhaus certification and performance was a key priority for Perth and Kinross Council, with this brief informing many of the specifications made for the construction and internal finishes of the new school. Sam Boyle, Associate at Architype spoke on the project, saying: "With the Passivhaus standard set as a key target by Perth and Kinross council, our team had to overcome a range of design challenges to meet the stringent technical performance requirements for the accreditation. Thanks to clever specification and design choices, we were able to achieve this, with the new school estimated to reduce energy costs by 70% compared with a CIBSE typical benchmark school. "To meet the Passivhaus standard, it was important that the materials we put into the building were carefully chosen. This was one of the main reasons behind our use of Forbo's flooring solutions, with its industry-leading sustainability credentials and wide range of designs ideal for satisfying the project expectations." As well as meeting the technical Passivhaus requirements, Architype were also keen to create an exceptional space which combined comfort, light, air quality and natural finishes with soothing colours, as Sam explains: "We really wanted to make this environment uplifting and welcoming for the students and staff, with lots of natural finishes and surfaces used to help root the school in nature. Flooring was a key part of this. "For example, one product we specified across the school's circulation areas was Marmoleum Decibel in the Eiger colourway. Not only is Marmoleum Decibel an incredibly sustainable floor covering, independently certified as Climate Positive, cradle to gate, without offsetting, but it is also extremely durable, making it perfect for high usage areas within a school. In addition to this, Marmoleum Decibel can reduce impact noise by 18 dB,

Interior Architect	Architype
Location	Perth, Scotland



Tessera Chroma  
pasture



Coral Duo  
dark steel



Tessera Chroma  
quinoa



Marmoleum  
Decibel on order  
eiger

