

Pinewood School

Education Sector- Case Study



Bowmer + Kirkland Photography

Pinewood School is a transformative new specialist educational facility for pupils aged 11 to 16 with Special Educational Needs and Disabilities (SEND). Delivered as part of the Department for Education's School Rebuilding Programme, the new school has been designed to provide a modern, welcoming and energy efficient learning environment that reflects the needs of both pupils and staff. The project aims to better accommodate users, increase usable internal and external space, improve facilities and achieve Net Zero Carbon in operation at handover.

The successful delivery of Pinewood School was made possible through a collaborative partnership between Innovaré Offsite, Bowmer + Kirkland Ltd and the Department for Education. Working together from design through to installation, the team successfully overcame site logistics challenges while maintaining programme certainty and build quality throughout the project.

Innovaré delivered the Low Risk Rapid Build wrap solution using our Low Carbon Fire Safe i-FAST panels. The patented timber based panels combines intrinsic fire, acoustic, structural and thermal performance within a single offsite manufactured system. By integrating factory fitted windows, external cladding and cavity barriers directly into the panels, Innovaré significantly increased the Pre-Manufactured Value (PMV), reducing site activities and accelerating the route to a weather tight building envelope.

Manufactured under controlled factory conditions the Low Carbon Fire Safe i-FAST offsite panelised system has been used to create a Low Risk Rapid Build wrap solution delivering a fast, efficient, and sustainable building envelope with excellent airtightness, high-level U-values, and minimal thermal bridging which improves

Project	Pinewood School
Client	Department for Education
Contractor	Bowmer + Kirkland Ltd
Architect	CPMG Architects
Value	£1.6 Million
Location	Ware, Hertfordshire
Completion Date	April 2026
Innovare Solution	Wrap
GIFA	3,532 m ²
Framework	Department for Education
Innovaré Product	i-FAST

acoustic performance, helping create a safe, comfortable and energy-efficient learning environment for SEND pupils.

Pinewood School is another outstanding example of how Innovaré Offsite is helping transform educational infrastructure through offsite construction methods. Delivered ahead of programme using offsite manufacturing techniques, the project demonstrates the benefits of combining low carbon construction and rapid installation. The result is a future ready educational facility that will support generations of pupils, staff and the wider community while contributing to the Department for Education's ambitions for sustainable school buildings.