

Passive House Scheme Welshpool, Powys Primary School



Project type: Education

Size: 2754m²

U-value: 0.10

Air tightness: 0.21ach @50 pascals

System used: 390mm Larsen Truss with Warmcel Insulation



The Larsen truss system allows for a thicker wall space. This space was filled with Warmcel Insulation.

Wall thickness can be varied to achieve required U-value.

The Larsen truss helps reduce thermal bridging.









Boarding was used internally utilising airtight tape on all joints.

Warmcel insulation was blown into the cavity and sealed with the tape.





Contact Us

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