Midmill Primary School
Kintore, UK

This primary school in Kintore provide space for 540 students. The building is arranged in two teaching wings with a two-storey element of core accommodation.

Midmill Primary School in Kintore, Aberdeenshire, is modern educational architecture, utilizing cross-laminated timber (CLT) and Glulam (glued laminated timber) to create a sustainable and welcoming learning environment. This exposed sustainable wood enhances the aesthetic appeal of the school and offers many environmental and structural benefits.

Low-carbon construction

One of the primary advantages of using mass timber in construction is that it is a renewable resource, and the production of CLT has a lower carbon footprint compared to traditional building materials like steel and concrete.

Additionally, the timber used in CLT, sequesters carbon dioxide, effectively acting as a carbon sink. This means that the carbon absorbed by the trees during their growth is stored in the timber.

During the construction of Midmill Primary School, G-frame Structures, the mass timber specialist, commenced work on both wings simultaneously, building from either end and working towards the main core of the building. This approach streamlined the construction process, allowing for quicker completion and earlier occupancy.

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General

Delivery year

2016

Building type

Education

Area (m²)

4,200

Photo credit: Aberdeenshire Council

Products

Products and Services

Sylva™ CLT Floors and Roofs, Sylva™ CLT Walls

Product volume (m³)

277

Photo credit: Aberdeenshire Council

Team

Developer

Aberdeenshire Council

Structural Engineer

Furness Partnership

Main contractor

Morrison Construction

Specialist Timber Subcontractor

G-frame

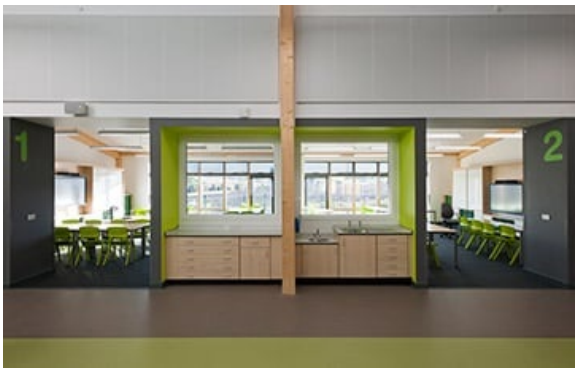

Photo credit: Aberdeenshire Council

Others

Construction duration (months)

11