



PROJECT

ALDI STORE

LOCATION
Leamington
Spa, UK

SUSTAINABLE RETAIL CONSTRUCTION

The Aldi store project in Leamington Spa, Warwickshire, is a fantastic example of modern sustainable retail construction. It was designed to significantly reduce a supermarket's carbon emissions, utilizing KLH® – CLT. The combination of natural materials and innovative technology greatly reduces the building's energy consumption. A key design feature is the saw-tooth roof, which channels natural light deep into the retail space, minimizing the need for artificial lighting, creating a warm and inviting atmosphere that enhances the shopping experience.

In addition to using timber from sustainably managed forests and minimizing carbon-intensive materials, the

building impresses with its construction. The structural system comprises a mix of KLH® – CLT and glulam timber beams, allowing for a clear span of 24 meters across the sales floor. This ensures maximum flexibility and visibility of the merchandise.

The project has already received significant awards, including the Offsite Construction Award 2023 and high commendation at the Structural Timber Awards.

PROJECT INFO

- Volume of KLH® – CLT: 3.413 m² / 304 m³
- Stored Carbon: 232 tonnes
- Regrowth time in Austria: 5 minutes

PUBLIC BUILDINGS



ARCHITECTURE

STOAS Architects Limited

CLIENT

Aldi Stores Limited

STRUCTURAL ENGINEER

Engnuiti Ltd. | Craddys

MAIN CONTRACTOR

DSP Construction Management Ltd.

PHOTOGRAPHER

Paul White Photography