



StoraEnso

Hylte Mill

Hylte, Sweden

Stora Enso Rib Panels were ideal for this application because they can span over six meters and have impressive strength and structural performance. Needing only a handful of tradespeople, the Rib Panels required no extra special equipment and were installed using regular carpentry tools.

The Hylte Mill in southwest Sweden is one of the largest newsprint mills in the world, and has the capacity to produce 245,000 tonnes of newsprint per year, along with biocomposites and formed fibre products. When existing plant needed to expand to produce formed fiber they turned to a prefabricated solution by Stora Enso.

The [Ribs Panels](#) were made by bonding a CLT panel with a high-strength adhesive. One of the key advantages Rib Panels offer is the ability to create wide open expansive spaces. This is important for industrial spaces as their use and equipment needs can change over time.

The very high quality visual industrial grade CLT was left exposed to maximize the biophilic effects for the mill workers.

Read more:

[Rib Panel technical brochure](#)

[Biophilic benefits of wood in Industrial spaces](#)

General

Delivery year

2019

Building type

Industrial

Area (m²)

900



Photo credit: Stora Enso



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Products

Products and Services

Rib Panels, Sylva™ CLT Floors and Roofs, Sylva™ CLT Rib Floors

Product quality

145m³ Visual Industrial and 195m³ non-visual industrial grade and 490 m² CLT Rib panels

Product volume (m³)

195



Photo credit: Stora Enso

Team

Developer

Stora Enso

Architect

Sweco Architects AB

Structural Engineer

Sweco Structures

MEP Designer

Sweco

Main contractor

AF Bygg SYD

Specialist Timber Subcontractor

AF Bygg SYD

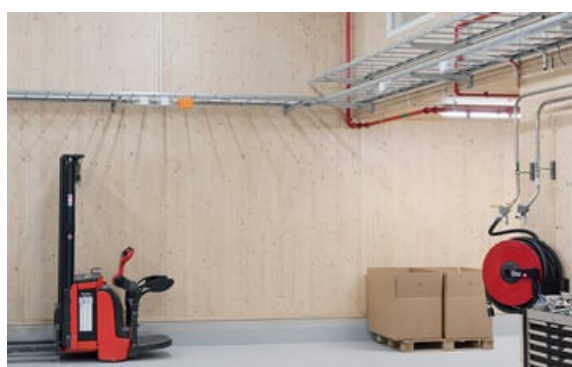


Photo credit: Stora Enso

Others

Construction duration (months)

Timber superstructure erection duration (weeks)



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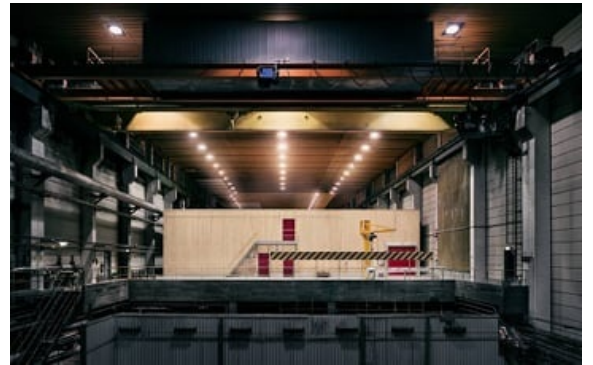


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