StoraEnso

Sveflow
Rosersberg, Sweden

This is an example of how a Sylva™ kit of parts can be applied to make an industrial building with a very low carbon footprint and a high degree of quality and speed.

The project is in Rosersberg, approximately 30 kilometres northwest of Stockholm city centre. It was carried out by AB Lindborg & Söner, a family-owned business based in Örsundsbro since 1972 who deliver a wide range of projects from villas and riding stables to industrial buildings and schools and specialize in creative, needs-adapted building solutions, particularly excelling in glulam structures and prefabricated wall and roof elements.

, a Swedish company that makes industrial valves and flow control solutions. SveflowThis is an example of one of their projects using a prefabricated parts kit by Stora Enso to create a state-of-the-art facility that meets specific industrial needs for The new facility for Sveflow, is designed to enhance their production capabilities.

Architectural design

The project utilized a prefabricated mass timber kit of parts, (Sylva™ by Stora Enso) which provided several advantages. This approach sped up the construction process and ensured high precision and quality. The use of mass timber also contributed to a more sustainable construction method, reducing the overall carbon footprint of the project.

.your project here: try out our carbon calculator to see what the size of your carbon footprint would be for **arbon calculatorSource: Stora Enso C**The Sylva kit generated 5 tonnes of greenhouse gases (CO_2e) to manufacture and less than one tonnes of CO_2e to transport. Compared to the 75 tonnes of carbon dioxide that the trees removed while growing and will store in the building, this is a small fraction. Choosing Sylva CLT elements instead of non-renewables avoided 112 tonnes of greenhouse gases. (

Sylva Services

This project also took advantage of Stora Enso's Sylva Connect Serviceaccident-free construction. , which included the installation of nearly 100 lifting devices with CNC precision in Stora Enso's mill. The connect services ensured optimal loads by calculating the precise element weight and centre of mass for safe lifting, contributing to The service also eliminated the need for temporary storage space, as when the elements arrived on site, they could be lifted directly off of the delivery vehicle and into position. Read more about our Sylva Connect Service**.**

Sylva CLT Stairs

The prefabricated stairs were manufactured using cross-laminated timber (CLT). Thanks to their lightweight nature and quick installation process, they offered an alternative to traditional precast concrete stairs. . Sylva CLT Stairs The stairs were installed during the framing of the shell, no temporary stairs are needed for the workers which saved time and resources and made it safer for the workers to access the second floor. They now provide durable and long-lasting stairs for daily use by Sveflow. Read more about

Testimonial

Talking about the project, Fredrik Holmgren for AB Lindborg & Söner said, 'everything worked perfectly and fit like a glove.'

Learn more about the advantages with mass timber Download whitepaper

View moreindustrial buildings made with a kit of parts

General

Delivery year

2024

Building type

Industrial

Area (m²)

450

Storeys

2

Photo credit: AB Lindborg & Söner

Products

Products and Services

Sylva™ CLT Floors and Roofs, Sylva™ CLT Stairs, Sylva™ CLT Walls, ThermoWood®

Product quality

NVI

Product volume (m³)

98

Team

Developer

Sveflow

Main contractor

AB Lindborg & Söner

Specialist Timber Subcontractor

AB Lindborg & Söner