



Stora Enso Wood Products

proHolz Webinar 20.09.2023

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THE RENEWABLE MATERIALS COMPANY

Sonnentor Holz-Hochregal-Lagerhalle Sprögnitz, Waldviertel



Foto: Georg Feßl & Sonnentor



Gesamtfläche 3.000 m², 19 m hoch

Sonnentor Holz-Hochregal-Lagerhalle



Bauherr

Sonnentor Kräuterhandelsgesellschaftm.b.H. | Gerhard Leutgeb

Architektur

BM-WERNER GmbH | Günther Werner

Ausführendes Unternehmen

Georg Fessler GmbH | Mario Kitzler

Statiker

Zehetgruber + Laister Ziviltechniker GmbH | Johann Zehetgruber



Foto: Georg Feßl & Sonnentor



Vertriebspartner von Stora Enso

Sonnentor Holz-Hochregal-Lagerhalle



- Hochregale gänzlich aus Holz
 - CLT 2.400 m³
 - BSH 60 m³
 - KVH 330 m³
 - Schrauben 97.000 Stück
- Acht Lagerebenen, Platz für 8.500 Paletten
- Wände und Dach CLT-Platten
 - Wandplatten 120 mm
 - Dachscheiben 100 mm, 12,4 m
- Erste Lieferung Ende Juli 2021, letzte Lieferung Mitte Oktober 2021 → 2,5 Monate
- 9 Bauabschnitte beim Holzbau mit ca. 48 LKW Lieferungen



Foto: Georg Feßl & Sonnentor

Sonnentor Holz-Hochregal-Lagerhalle



*„Das Holzregalsystem ist das zentrale statische Element der Lagerhalle: Es leitet sowohl die Lasten der eingelagerten Produkte, als auch die Dach-, Wand-, Wind- und Schneelasten in das Fundament ab.“



Foto: Georg Feßl & Sonnentor

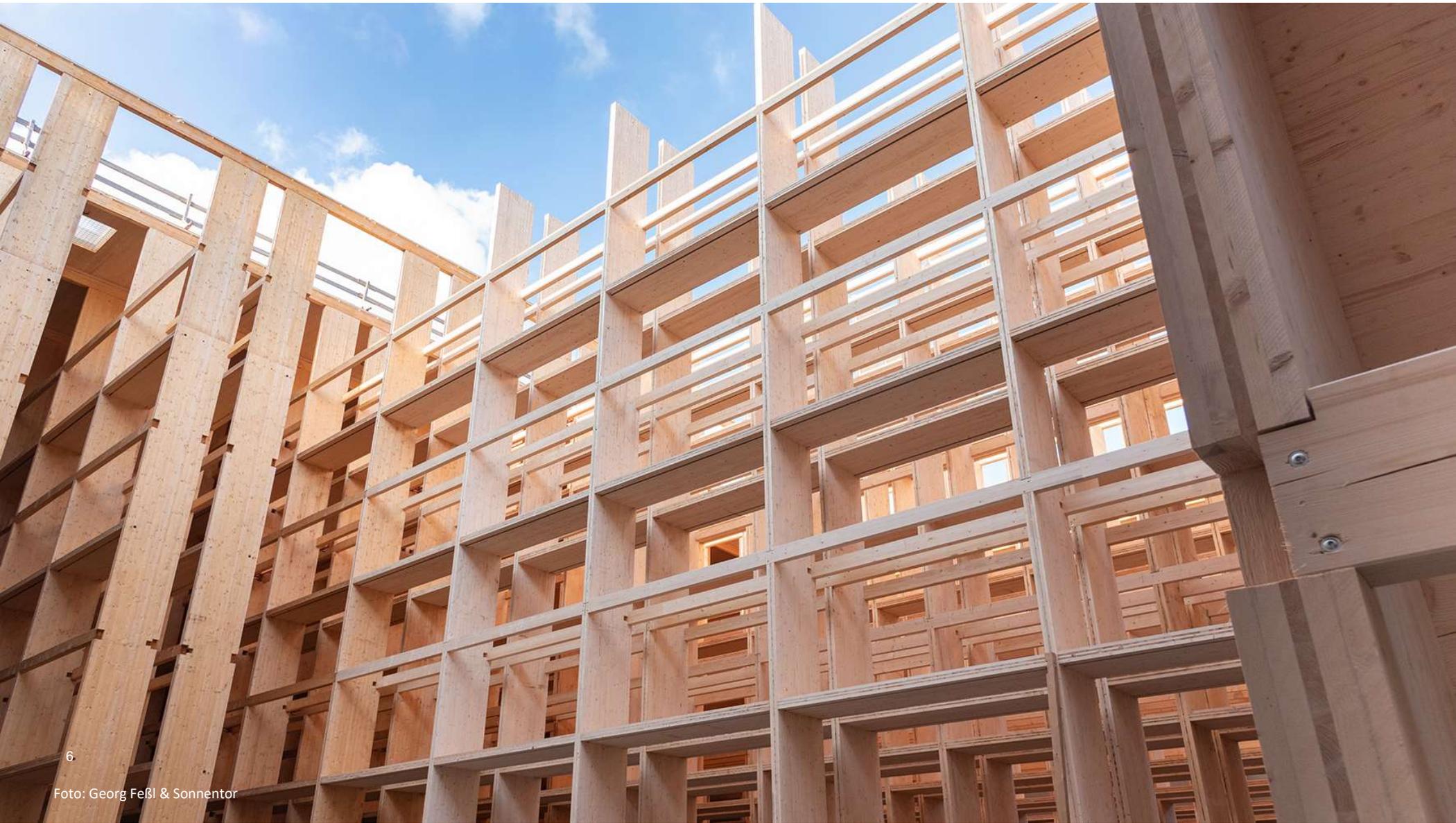


Foto: Georg Feßl & Sonnentor

5 Sprinkleranlage, 7.000 Sprinklerköpfe

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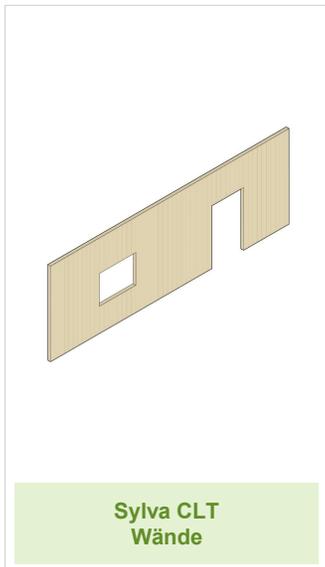
*Quelle: <https://www.bm-werner.at/project/logistikzentrum/>



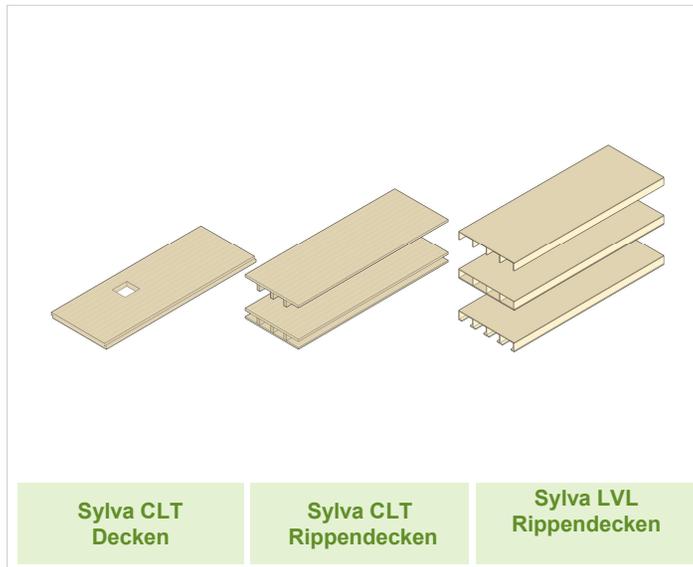
Das Sylva-Kit



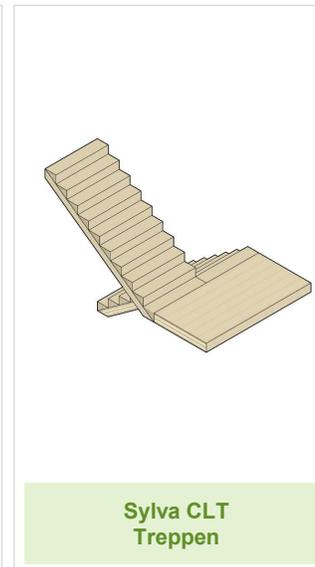
Wände



Decken und Dächer



Treppen

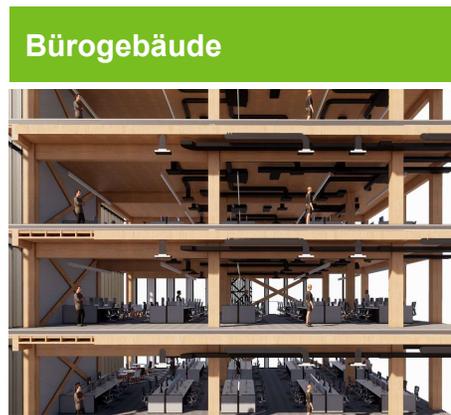


Balken und Stützen



<https://www.storaenso.com/de-de/products/mass-timber-construction/sylva>

Überblick über die Baukonzepte



Besuchen Sie unsere Website [und finden Sie Ihr Konzept](https://buildingconcepts.storaenso.com/en/find-your-concept)

<p>Multi-story residential - CLT massive wood frame Full massive wood frame for floors, internal walls and envelope for robustness. TIMOLOO Residential PRODUCTS CLT Walls, CLT Slabs... + 3 more View</p>	<p>Multi-story residential - CLT rib and timber frame Massive wood frame for internal walls and floors with a timber home envelope. To increase the prefabrication level of exterior walls... TIMOLOO Residential PRODUCTS CLT Walls, CLT Rib Floor or Roof... + 2 more View</p>	<p>Multi-story residential - Beam and column A beam and column main frame to increase flexibility and adaptability of the building to different layouts and future needs. Very easy... TIMOLOO Residential PRODUCTS CLT Walls, CLT Rib Floor or Roof... + 3 more View</p>	<p>CLT with rib roof Span target: 18 m. Range from 12 m to 18 m. Intended for small scale warehouses or storage facilities where the interior look and feel is... TIMOLOO Industrial PRODUCTS CLT Walls, CLT Rib Floor or Roof... + 1 more View</p>	<p>CLT box Span target: 18 m. Range from 14 m to 20 m. A lightweight structure and modular efficient solution for semi-finished roofs. No... TIMOLOO Industrial PRODUCTS CLT Walls, CLT Floors or Roofs... + 2 more View</p>	<p>2-Pin portal frames Span target: 20 m and 27 m. Range from 18 m to 30 m. A lightweight structure and modular efficient solution for semi-finished roofs. No... TIMOLOO Industrial PRODUCTS CLT Beams and Columns View</p>	<p>3-Pin portal frames Span target: 20 m and 28 m. Range from 18 m to 30 m. The most lightweight and modular efficient solution for pitched roofs. No... TIMOLOO Industrial PRODUCTS CLT Beams and Columns View</p>	<p>Office - 4 storeys Four storey office buildings with a "vaulted" shaped reception, combined balconies and circulation cores. TIMOLOO Office PRODUCTS CLT Walls, CLT Rib Floor or Roof... + 3 more View</p>	<p>Office - 7 storeys Seven-storey office with an L-shaped reception, the circulation and toilet core is located at the vertex. TIMOLOO Office PRODUCTS CLT Walls, CLT Rib Floor or Roof... + 3 more View</p>	<p>Office - 3 storeys A small, two or three-storey office building, consisting of a linear, open plan office element with an entrance and circulation core... TIMOLOO Office PRODUCTS CLT Walls, CLT Rib Floor or Roof... + 3 more View</p>	<p>Beam and column 18 m Span target: 18 m with light to high loads. Range from 16 m to 20 m. For lightweight structures with a heavy roof, such as mass timber... TIMOLOO Industrial PRODUCTS CLT Walls, CLT Floors or Roofs... + 1 more View</p>	<p>Beam and column 24 m Span target: 24 m with light to medium loads. Range 18 m to 26 m. For medium to large warehouses. Works with low to medium roof loads. TIMOLOO Industrial PRODUCTS CLT Beams and Columns... + 1 more View</p>	<p>Beam and column 36 m Span target: 36 m with light to medium loads. Range: 24 m to 36 m. For medium to large warehouses with large spans, using a steel truss... TIMOLOO Industrial PRODUCTS CLT Floors or Roofs, CLT Walls... + 2 more View</p>	<p>Two-storey warehouse Two-storey warehouse. Span target: 18 m in roof, 11 m floors with light to medium loads. Range: 12 m to 24 m. Timber frame for medium to... TIMOLOO Industrial PRODUCTS CLT Floors or Roofs, CLT Walls... + 2 more View</p>
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<https://buildingconcepts.storaenso.com/en/find-your-concept>



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Vielen Dank für Ihre Aufmerksamkeit!

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