

Declaration of Performance

according Regulation (EU) No 574/2014 of 21.02.2014

Product identification code: YBB06EUCLTR

Sylva™ CLT Rib by Stora Enso

1. Construction product

Sylva™ CLT Rib according ETA 20/0893 are composite panel elements, made of CLT-Cross Laminated Timber panels (acc. ETA-14/0349) and glued laminated beams (acc. EN 14080). For further or more detailed information on the delivered product, in addition to what is given below, see information on the packaging or in possible accompanying documents.

2. Type

Prefabricated wood-based loadbearing stressed skin panels.

- Sylva™ CLT Rib open, with CLT panel on top or bottom.
- Sylva™ CLT Rib closed, with CLT panels on top and bottom.

The cross section of the glulam-ribs is rectangular.

3. Intended use of the construction product

Sylva™ CLT Rib are intended to be used as structural elements designed according to Eurocode 5 (EN 1995) or non-structural elements in buildings. The panels shall have single span supported at the ends. The panels are intended to be used subject to static or quasi-static actions only.

In seismic areas the behaviour factor of Sylva™ CLT Rib used for the design is limited to non-dissipative or low-dissipative structures.

The product shall be used in service classes 1 and 2, according to EN 1995-1-1.

4. Producer

Company: Stora Enso Wood Products GmbH
Ybbs mill

Address: Bahnhofstraße 31
3370 Ybbs/Donau
Austria

Telephone: +43 7412 53033

E-mail: office.ybbs@storaenso.com

Web site: www.storaenso.com

5. System of assessment and verification of constancy of performance of the construction product

System 1

6. Certification

The notified body Holzforschung Austria (identification number 1359) has performed an initial inspection of the manufacturing plant and of the factory production control and performs continuous surveillance, assessment, and evaluation of our factory production control. Holzforschung Austria has issued "Certificate of Constancy of Performance" with certificate number 1359-CPR-0828.

7. Declared performance

Performance of Sylva™ CLT Rib by Stora Enso is in conformity with the European Technical Assessment ETA-20/0893 from 13.10.2023, issued by ETA-Danmark A/S, Göteborg Plads 1 in DK-2150 Nordhavn, Denmark.

This ETA was issued based on European Assessment Document EAD 140022-00-0304 for Prefabricated wood-based loadbearing stressed skin panels from November 2018.

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|-------------------------|-----------------------------------|---|
| CLT panel | Dimensions | Thickness: 60 to 200 mm Width: ≤ 3,5 m Length: 5 to 16,5 m |
| | Strength class of lamellas in CLT | C16, C24 or C30 |
| | Characteristic properties | According ETA 14/0349 |
| Glulam ribs | Dimensions | Width: ≥ 60 mm Depth: ≥ 100 mm Length: 5 to 16,5 m |
| | Strength class | GL20h to GL32h and GL20c to GL32c |
| | Characteristic properties | According EN 14080 |
| Sylva™ CLT Rib by Stora | Dimensions | Width: ≤ 3,5 m Depth: ≥ 160 mm Length: 5 to 16,5 m |
| | Characteristic properties | Calculation according ETA 20/0893 |
| | Durability class | 5 according EN 350-2 |
| | Service class | 1 and 2 according EN 1995-1-1 |
| | Reaction to fire | D-s2,d0 according EN 13501-1 and Commission Delegated Regulation 2016/364 |

8. The performance of the construction product Sylva™ CLT Rib is in compliance with the declared properties given above.

This is a general declaration and according national rules project specific DoP-supplements may be necessary.

Place: Ybbs

Date: 16.10.2023

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(signature)

Mill Manager
Werner Hatteier