

Structural fingerjointed solid timber

Construction product

Structural finger jointed solid timber which fulfills the requirements according to EN SS-EN 15497:2014. 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 commercial document.

Intended use of the construction product

For load-bearing purposes in construction works designed according to Eurocode 5 (EN 1995) and for other uses where the strength and stiffness of the structure is essential.

Producer

Company: Derome Timber AB
Address: Bjurumsvägen 14
SE-432 68 Veddige
Sweden
Telephone: +46 340-666400
E-mail: info@derome.se
Web site: www.derometimber.com
Contact Person Stefan Holmkvist – Quality Manager

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

System 1.

Certification

The notified body RISE Research Institute of Sweden (identification number 0402) has performed an initial inspection of the manufacturing plant and of the factory production control, an initial type testing and performs continuous surveillance, assessment and evaluation of our factory production control. RISE has issued EC Certificate of Factory Production Control

No. 0402 – CPR – SC0289-15.

Declared performance

Performance for glued laminated timber according to the harmonized European standard SS-EN 15497:2014 Structural finger jointed solid timber – Performance requirements and minimum production requirements.

Essential characteristics

Species/species group

Growth area

Range of thickness

Declared performance

PCAB: spruce (*Picea abies*)

NNE Europe (Northern and North Eastern Europe)

Up to 100 mm*¹

| | |
|--|---|
| Range of width | Up to 265 mm ^{*1} |
| Range of length | More than 2,0 m |
| Tolerances | According to EN 336 |
| Surface finishes | Sawn or planed |
| Grading machine | Goldeneye 702, serial no: 10130097 |
| Strength, stiffness and density | According to EN 338: C30, C24, C18 or C16 |
| Bonding strength (bending strength of finger joints) | See marking on the product, C30 = 30 MPa etc. |
| Durability of bonding strength as Durability | See marking on the product for species and adhesive 5 (according to EN 350-2) |
| Resistance to fire | See pack lable and marking at each lamella for cross section, species and char. density ^{*2} . |
| Reaction to fire | D-s2, d0 (according to SS-EN 15497:2014, Table 2) |
| Release of formaldehyde | Formaldehyde class E1 |
| Release of dangerous substances | No dangerous substances to be declared |
| ^{*1}) Max grade and dimension | C18 84x265 C24 100x200 C30 75x250 |

^{*2}) Char. density depending on the grade:
C14:290kg/m³, C18:320kg/m³, C24:350kg/m³, C30:380kg/m³, C35:400kg/m³

That the performance for our construction product glued laminated timber is in accordance with the declared performance given above is certified:

Derome 2023-03-29
(place and date of issue)

Derome Timber AB

Niclas Persson, Site Manager
(name and function)