



## DECLARATION OF PERFORMANCE

### **Structural finger jointed 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 below, see information on the packaging or in possible enclosed 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  
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Sweden  
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Web site: [www.derome.se](http://www.derome.se)

#### **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.

<i>Essential characteristics</i>	<i>Declared performance</i>
Species/species group	PCAB: spruce (Picea abies)
Growth area	NNE Europe (Northern and North Eastern Europe)
Range of thickness	32 - 75 mm
Range of width	75 - 225 mm
Range of length	More than 2,0 m
Tolerances	According to EN 336
Surface finishes	Sawn or planed
Strength, stiffness and density	According to EN 338: C24, C18 or C16
Bonding strength (bending strength of finger joints)	See marking on the product, C24 = 24 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 label and marking at each lamella for cross section, species and char. density* <sup>1</sup> .
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

\*<sup>1</sup>) Char. density depending on the grade:

C14:290kg/m<sup>3</sup>, C18:320kg/m<sup>3</sup>, C24:350kg/m<sup>3</sup>, C30:380kg/m<sup>3</sup>, C35:400kg/m<sup>3</sup>

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

Derome 2020-06-03

**Derome Timber AB**


Emil Edgren, Site Manager