

DECLARATION OF PERFORMANCE

Structural finger jointed solid timber

Construction product

Structural finger jointed solid timber which fulfills the requirements according to 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: Holmen Wood Products AB
Address: Burträskvägen 53
SE-937 80 Bygdsiljum
Sweden
Telephone: +46 914-207 00
E-mail: info@holmen.com
Web site: www.holmen.com

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

System 1.

Certification RISE Research Institutes of Sweden AB

The notified body RISE Research Institutes of Sweden AB (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 – SC0527-15.

Declared performance

Performance for structural finger jointed solid 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	PNSY: Pine (<i>Pinus sylvestris</i>) or PCAB: Spruce (<i>Picea abies</i>)
Growth area	NNE Europe (Northern and North Eastern Europe)
Range of thickness	38 – 50 mm
Range of width	50 – 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: C30, C24, C18 or C14
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 marking on the product for species, cross section and density ¹
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) Characteristic density depending on the strength class according to the marking on the wood:
C14:290kg/m³, C18:320kg/m³, C24:350kg/m³, C30:380kg/m³

That the performance for our construction product structural finger jointed solid timber is in accordance with the declared performance given above is certified:

Kroksjön 2022.12.28

Holmen Wood Products AB, Kroksjöns Sågverk



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Jens Wikström, site manager