

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 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: Wallnäs Timber AB
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 Sweden
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 Web site: www.wallnas.se

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

System 1.

Certification

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. SP has issued EC Certificate of Factory Production Control No. 0402 – CPR – SC0503-17.

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

Range of width

Declared performance

PCAB: spruce (*Picea abies*) och/eller PNSY: pine (*Pinus sylvestris*), (WPPA = spruce and pine)

NNE Europe (Northern and North Eastern Europe)

32 - 50 mm

75 - 300 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 or C18
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 package label for cross section and species. Char. density C-18 = 320 kg/m ³ . C-24 = 350 kg/m ³ .
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

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

Vallnäs 2019-01-03

Wallnäs Timber AB

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Ralf Rosberg VD