

# DECLARATION OF PERFORMANCE

## Visually strength graded structural timber (T-Timber)

### Construction product

Visually strength graded structural timber (according to SS 23 01 20:2010/INSTA 142) which fulfills the requirements according to EN 14081-1:2005+A1:2011. 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: Knäredssågen AB  
Address: Sjöaredsvägen 64  
312 51 KNÄRED  
Sweden

Telephone: +46 430-509 10  
E-mail: [info@sawmill.se](mailto:info@sawmill.se)  
Web site: [www.sawmill.se](http://www.sawmill.se)

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

System 2+.

### Certification

The notified body Rice, Technical Research Institute of Sweden (identification number 0402) 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. Rice has issued EC Certificate of Factory Production Control **No. 0402-CPD-SC0545-09**

### Declared performance

Performance for visually strength graded structural timber (according to SS 22 01 20:2010 /INSTA 142) in conformity with the harmonized European standard EN 14081-1:2005+A1:2011 Timber structures – Strength graded structural timber with rectangular cross section – Part 1: General requirements.

**Essential characteristics****Declared performance**

Species/species group	WPPA: spruce ( <i>Picea abies</i> ) and pine ( <i>Pinus sylvestris</i> )
Growth area	NNE Europe (Northern and North Eastern Europe)
Range of thickness (fire resistance)	25 - 100 mm
Range of width (fire resistance)	50 - 300 mm
Surface finish	Sawn or planed
Dry or wet graded	Dry graded
Grade/grading standard	T3-C30 – T0-C14 / INSTA142
Strength, stiffness and density	T3-C30, T2-C24, T1-C18, T0-C14 (according to EN 338)
Durability	4 (according to EN 350-2)
Reaction to fire	D-s2, d0 (according to EN 14081-1, Table C.1)
Release of dangerous substances	No dangerous substance to be declared

That the performance for our construction product visually strength graded structural timber is in accordance with the declared performance given above is certified:

Knäred 2017-11-28

Knäredssågen AB

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Ingemar Mårtensson, MD