

## Machine strength graded structural timber

### Construction product

Machine strength graded structural timber which fulfils 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 if 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. For further or more information according to EN 351:1.

### Producer

Company: Derome Timber AB, Maa  
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Web site: [www.derome.se](http://www.derome.se)  
Contact Person Stefan Holmkvist – Quality Manager

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

System 2+.

### Certification

The notified body BSI - British Standards Institution (identification number 0086) 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. BSI has issued EC Certificate of factory production control No. 0086-CPR-770133.

### Declared performance

Performance for machine strength graded and preservative treated structural timber 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 for visual machine strength grading.

#### *Essential characteristics*

#### *Declared performance*

Species/Species group	PCAB: Spruce ( <i>Picea abies</i> ), WPPA: Pine ( <i>Pinus sylvestris</i> )
Growth area	NNE Europe (Northern and North East Europe)
Range of thickness (Fire resistance)	31 - 110 mm (For Spruce) 34 – 83 mm (For Pine)
Range of width (Fire resistance)	60 - 300 mm (For Spruce) 68 – 303 mm (For Pine)
Range of Length	Over 2,0 m
Tolerance	According to EN 336
Surface finish	Sawn or planed
Sorting machine	Dynagrade model 1b serial no. 304
Strength, stiffness and density	According to EN 338: < C30 According EN 14081-4 or relevant ITT-rapport TR26
Durability	5 (according to EN 350-2)
Reaction of fire	D-s2, d0 (according to EN 14081-1, Table C.1)
Release of dangerous substance	No dangerous substance to declared

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

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

Derome Timber AB - Ullared



Morgan Gunnarsson, Site Manager  
(name and function)