

# HOLMEN

## DECLARATION OF PERFORMANCE Visually strength graded structural timber (T-timber)

The undersigned, representing

*Holmen Timber Braviken*

herewith declares that the

### **Construction product**

Visually strength graded structural timber (according to 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: Holmen timber  
Address: Bravikens sawmill  
601 88 Norrköping  
Sweden  
Telephone: +46 650-280 00  
E-mail: [info@holmentimber.com](mailto:info@holmentimber.com)  
Web site: [www.holmen.com](http://www.holmen.com)

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

System 2+.

### **Certification**

The notified body SP 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. SP has issued EC Certificate of Factory Production Control No. 0402-CPD-SC0405-11.

### **Declared performance**

Performance for visually strength graded structural timber (according to INSTA 142:2009) 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.

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## *Essential characteristics*

## *Declared performance*

Species/species group	WPPA: spruce ( <i>Picea abies</i> ) and pine ( <i>Pinus silvestris</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	T0/INSTA 142
Strength, stiffness and density	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:

Norrköping 2019-11-25

Holmen Timber, Bravikens sågverk, 601 88 Norrköping

  
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Oreste Randolfi, Quality technician