

# HOLMEN

## DECLARATION OF PERFORMANCE Machine strength graded structural timber

The undersigned, representing

*Holmen Timber Braviken*

herewith declares that the

### Construction product

Machine strength graded structural timber 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 machine strength graded 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

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requirements.

## *Essential characteristics*

## *Declared performance*

Species/species group

WPPA: spruce (*Picea abies*)

Growth area

NNE Europe (Northern and North Eastern Europe)

Range of thickness (fire resistance)

26-110 mm

Range of width (fire resistance)

58 -319 mm

Surface finish

Sawn or planed

Dry or wet graded

Dry graded

Grading machine

ViScan

Strength, stiffness and density

*According to EN 338: C30, C27, C24, C22, C20, C18 or C16;  
According to EN 14081-4 or relevant ITT-report: TR26*

Durability

4 (according to EN 350-2)

Reaction to fire

D-s2, d0 (according to EN 14081-1, Table C.1)

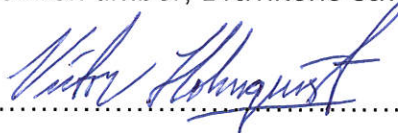
Release of dangerous substances

No dangerous substance to be declared

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

Norrköping 2013-08-05

Holmen timber, Bravikens sawmill, 601 88 Norrköping



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Victor Holmquist, Quality engineer