

## DECLARATION OF PERFORMANCE

### Machine/Visually strength graded and wood protected construction timber

The undersigned, representing  
*Holmen Wood Products Braviken*

Herewith declares that the

#### Construction product

Machine strength graded and treated construction timber which fulfils the requirements according to SS-EN 14081-1:2005+A1:2011 and the stated normative reference to SS-EN 15228:2009 Wooden constructions – Structural timber treated against biological attacks. For additional or more detailed information about the delivered product, in addition to what is listed below, see package specification or possibly attached commercial document.

#### Intended use of the construction product

For load-bearing purposes in construction works designed according to Eurocode 5 (SS-EN 1995) and for other uses where the carrying capacity of the structure is essential.

#### Producer

Company: Holmen Wood Products  
Address: Bravikens sågverk  
601 88 Norrköping  
Sverige  
Telephone: 0650 - 28000  
E-mail: info@holmen.com  
Web site: www.holmen.com

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

System 2+.

#### Certification

The notified body RISE Research Institutes 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 factory production control. RISE has issued an EC certificate of factory production control Nr. 0402 – CPR – SC0405-11.

#### Declared performance

Performance for machine strength graded and treated structural timber in conformity with the harmonized European standard SS-EN 14081-1:2005+A1:2011 Wooden structures – Strength graded structural timber with rectangular cross section – Part 1: General requirements.

#### Essential characteristics

Species

Growth area

Range of thickness (fire resistance)

Range of width (fire resistance)

#### Declared performance

PNSY: Pine (*Pinus sylvestris*)  
PCAB: Spruce (*Picea abies*)

NNE Europe (Northern and north eastern Europe)

26 - 110 mm **Spruce**, 35 – 70 mm **Pine**

58 - 319 mm **Spruce**, 90-220 mm **Pine**

Surface finish	Sawn or planed
Dry or wet graded	Dry graded
<b>Machine grading</b>	
Grading machine	BSQ
Strength, stiffness and density	According to SS-EN 338: C30, C27, C24, C22, C20, C18, C16 or C14 According to SS-EN 14081-4 or relevant ITT-report: TR26
Durability	4 (according to SS-EN 350-2)
Reaction to fire	D-s2, d0 (according to SS-EN 14081-1, Table C.1)
<b>Visual grading</b>	
Grade standard	T3, T2, T1 or T0/SS 230120
Strength, stiffness and density	C30, C24, C18 or C14 (according to SS-EN 338)
Durability	4 (according to SS-EN 350-2)
Reaction to fire	D-s2, d0 (according to SS-EN 14081-1, Table C.1)
<b>Machine and visually grading</b>	
Treatment method	Pressure impregnation
Protection class	NTR A/AB
Wood protection agents	Wolmanit CX-8 WB
Penetration class	NP5 (according to SS-EN 351-1)
Recording	9 resp. 18 kg/m <sup>3</sup>
Charge nr/year	See tag on packages
The treatment protects against	Rot, wood destroying insects

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

Norrköping 2025-08-12

Holmen Wood Products Bravikens Sågverk



(underskrift)



(namnförtydligande och befattning)