

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
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601 88 Norrköping
Sverige
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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 rectoral cross section – Part 1: General requirements.

Essential characteristics

Declared performance

Species

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

Growth area

NNE Europe (Northern and north eastern Europe)

Range of thickness (fire resistance)

Spruce 20-110mm , **Pine** 31-110mm

Range of width (fire resistance)

Spruce 63-330mm, **Pine** 67-330mm

Surface finish	Sawn or planed
Moisture content at grading	Dry graded
Machine grading	
Grading machine	RS BSQ Strength Grader
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)
Visual grading	
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)
Machine and visual grading	
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	AB 9kg/m ³ A 18kg/m ³
Charge nr/year	See tag on packages
The treatment protects against	Rot, wood destroying insects and fungus

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

Norrköping 16/3 2026

Holmen Wood Products Bravikens Sågverk

Oreste Randolfi

(underskrift)

Oreste Randolfi

(namnförtydligande och befattning)