



DECLARATION OF PERFORMANCE

Machine strength graded structural timber

Construction product

Machine strength graded structural timber which fulfills the requirements according to EN 14081-1:2005+A1:2011.

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: Vida Alvesta AB
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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 – SC-0157-13.

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 requirements.

Essential characteristics

Declared performance

Species/species group	WPPA: spruce (<i>Picea abies</i>) and pine (<i>Pinus sylvestris</i>)
Growth area	NNE Europe (Northern and North Eastern Europe)
Range of thickness (fire resistance)	34 -75 mm
Range of width (fire resistance)	60 -300 mm
Surface finish	Sawn or planed



Dry or wet graded	Dry graded
Grading machine	Dynagrade
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	NPD

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

Alvesta..... 2013-05-15
(place and date of issue)

VIDA ALVESTA AB


.....
(signature)

Anders Svensson QCM
(name and function)