

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: Moelven Valåsen AB
Address: Box 404, SE-691 27 Karlskoga
Telephone: +46 (0)10 122 54 00
E-mail: fredrik.wallenstad@moelven.se
Web site: www.moelven.com/cert

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

System 2+.

Certification

The notified body Norsk Trelastkontroll (identification number 1070) 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. Norsk Trelastkontroll has issued EC Certificate of Factory Production Control No. 1070 – CPD – 125.

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.

<i>Essential characteristics</i>	<i>Declared performance</i>
Species/ species group	WPPA: gran (Picea abies) and furu (Pinus sylvestris)
Growth area	NNE Europe (Northern and North Eastern Europe)
Range of thickness (fire resistance)	32 - 75 mm
Range of width (fire resistance)	60 - 300 mm
Surface finish	Sawn or planed
Dry or wet graded	Dry graded
Grading machine	Dynagrade Model 1b. Serial no 019
Strength, stiffness and density	According to EN 338: C16, C18, C20, C22, C24, C27, C30
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:

Karlskoga, 2017-03-01.

Moelven Valåsen AB



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Fredrik Wallenstad, MD



Certificate of conformity of the factory production control (FPC)

1070 - CPR - 125

In compliance with Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction product

Strength graded structural timber with rectangular cross section

Machine graded by
Rema Sawco StrengthGrader model 2.5, serial no. 16-1283
in strength classes including C30.
Wood species Norway spruce (*Picea abies*) and Scots pine (*Pinus sylvestris*)

produced by

Moelven Valåsen AB
SE-691 27 Karlskoga
Sweden

and produced in the manufacturing plant

Moelven Valåsen AB
SE-691 27 Karlskoga
Sweden

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standard

EN 14081-1:2005+A1:2011

under system 2+ for the performances set out in this certificate are applied and that the factory production control fulfils all the prescribed requirements for these performances.

This certificate was first issued on 2017-02-14 and will remain valid as long as the test methods and/or factory production control requirements included in the harmonised standard, used to assess the performances of the declared essential characteristics, do not change, and the construction product, and the manufacturing conditions in the plant are not modified significantly, unless suspended or withdrawn by the factory production control certification body.

2017-02-14



Hilde Tellesbø
Managing Director