



DECLARATION OF PERFORMANCE

Strength graded structural timber

Dop no: 1

Construction product

Strength graded structural timber that meets the requirements of 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: Br. Carlströms Trävaru AB
Address: Hemmeströ
SE 280 20 Bjärnum
Sweden

Telephone: +46 451 - 20635
E-mail: info@brcarlstrom.se
Web site: www.br.carlstrom.se

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

System 2+.

Certification

The notified body CATG Certification Limited (identification number 2874) 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. CATG Certification Limited has issued EC Certificate of Factory Production Control No. 2874 – CPR – 2346.



Declared performance

Performance for machine and visual 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

Overall performance

Species/species group	WPPA: PCAB gran (<i>Picea abies</i>) och PNSY furu (<i>Pinus sylvestris</i>)
Growth area	NNE Europe (Northern and North Eastern Europe)
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.

Machine strength graded structural timber

Surface finish	Sawn or planed
Dry or wet graded	Dry graded
Thickness	31 – 110 mm.
Width	60 – 300 mm.
Grading machine	Dynagrade model 1b no. 003 Dynagrade model 1b no. 094
Strength, stiffness and density	According to EN 338 or EN 14081-4: C30, C27, C24, C18 and C16.

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

Bjärnum den 2022-06-01

Br. Carlströms Trävaru AB

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Lars-Erik Carlström VD