

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. 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: Andrewex Tvärskog Timber AB

Address: G: Tokabovägen 24
SE-388 93 Ljungbyholm
Sweden

Telephone: +46 480-38000

Web site: www.tvarskogtimber.se

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

System 2+

Certification

The notified body RISE Research Institute of Sweden (identification number 0402) has performed an initial inspection of the manufacturing plant and of the factory production control, an initial type testing and performs continuous surveillance, assessment and evaluation of our factory production control. SP has issued EC Certificate of Factory Production Control No. 0402 – CPR – 13 55 06

Declared performance

Performance for machine strength graded structural timber according to 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 and Pine

Growth area

NNE Europe (Northern and North Eastern Europe)

Range of thickness

25 - 100 mm

Range of width

50 - 300 mm

Utarbetad av: Thomas Gustafsson
Godkänd av:

Range of length	More than 2,0 m
Tolerances	According to EN 336
Surface finishes	Sawn or planed
Dry or wet graded	Dry graded
Grading machine	Dynagrade model 1b. serial no 049
Strength, stiffness and density	According to EN 338: C30, C24, C18 or C16
Durability	According to EN 14081-4 or relevant ITT – report : TR-26 4 (according to EN 350-2)
Resistance to fire	See label on the package for cross section, species. Char. density C16 310 kg/m ³ , C18 320 kg/m ³ , C24 350 kg/m ³ , C30 380 kg/m ³ , C35 400 kg/m ³
Reaction to fire	D-s2, d0 (according to EN 14081 – 1, Table C : 1)
Release of dangerous substances	No dangerous substances to be declared

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

Tvärskog.....2022-08-19.....
(place and date of issue)

Andrewex Tvärskog Timber AB

.....
(signature)

Thomas Gustafsson VD.....
(name and function)