

## 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 Notnäs AB  
Address: Box 233, SE-685 25 TORSBY  
Telephone: +46 (0)10 122 53 00  
E-mail: [peter.broberg@moelven.se](mailto:peter.broberg@moelven.se)  
Web site: [www.moelven.com](http://www.moelven.com)

#### 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 – 33 23 04.

#### 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) och furu (Pinus sylvestris)
Growth area	NNE Europe (Northern and North Eastern Europe)
Range of thickness (fire resistance)	32 - 100 mm
Range of width (fire resistance)	100 - 250 mm
Surface finish	Sawn or planed
Dry or wet graded	Dry graded
Grading machine	Dynagrade Model 1b. Serial no 054
Strength, stiffness and density	According to EN 338: C24, C30, LS15, LS22
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:

Torsby, 2013-05-07.

Moelven Notnäs AB

Peter Broberg, MD





# CERTIFIKAT

## EC Certificate of Factory Production Control

**No. 0402 - CPD - 332304**

In compliance with Council Directive 89/106/EEC of 21 December 1988 on the approximation of laws, regulations and administrative provisions of the Member States relating to construction products (the Construction Products Directive or CPD - implemented in Swedish law by PBL), as later amended, it has been stated that the construction product

### **Machine strength graded structural timber in classes $\leq$ C30**

placed on the market by

**Moelven Notnäs AB**

**Box 223**

**SE-685 25 TORSBY**

**Sweden**

and produced in the factory

**same as above**

in the machine

**Dynagrade model 1b, serial no. 054**

is submitted by the manufacturer to the initial type-testing of the product, a factory production control and to the further testing of samples taken at the factory in accordance with a prescribed test plan and that the notified body

**No. 0402 - SP Technical Research Institute of Sweden**

has performed the initial inspection of the factory and of the factory production control and performs the continuous surveillance, assessment and approval of the factory production control.

This certificate attests that all provisions concerning the attestation of factory production control described in Annex ZA of the standard

**EN 14081-1:2005/A1:2011**

were applied.

This certificate was first issued on 31<sup>th</sup> May 2007 and remains valid as long as the conditions laid down in the harmonised technical specification in reference or the manufacturing conditions in the factory or the FPC itself are not modified significantly or at the latest until 31<sup>th</sup> May 2017.

This is issue no. 2.

Borås 16<sup>th</sup> April 2012

**SP Technical Research Institute of Sweden  
Certification, Notified Body No. 0402**

  
Lenhart Månsson  
Certification Manager

  
Bertil Johansson  
Certification Officer

#### SP Technical Research Institute of Sweden

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SWEDEN

Swedish Notified Bodies are appointed by SWEDAC, the Swedish Board for Accreditation and Conformity Assessment, under the terms of Swedish legislation.  
This certificate may not be reproduced other than in full, except with the prior written approval by SP.

## EG-intyg gällande fabriken tillverkningskontroll

Nr. 0402 - CPD - 332304

I enlighet med Rådets direktiv 89/106/EEG av den 21 december 1988 om tillnärmning av medlemsstaternas lagar och andra författningar om byggprodukter (Construction Products Directive eller CPD - infört i svensk lagstiftning genom PBL), som senare ändrats, fastställs härmed att byggprodukten:

### Maskinellt hållfasthets sorterat konstruktionsvirke i hållfasthetsklasser $\leq$ C30

placerad på marknaden av

**Moelven Notnäs AB**

Box 223

685 25 TORSBY

och framställd vid tillverkningsstället

**samma som ovan**

i maskinen

**Dynagrade modell 1b, serienr. 054**

omfattas av företagets typprovning av produkten, företagets tillverkningskontroll och fortlöpande provning av produkten enligt föreskriven kontrollplan, och att det anmälda organet

**nr. 0402 - SP Sveriges Tekniska Forskningsinstitut**

har utfört en inledande granskning av tillverkningsstället och av tillverkningskontrollen, samt genomfört löpande granskning, bedömning och godkännande av tillverkningskontrollen.

Detta certifikat bekräftar att alla villkor angående godkännandet av tillverkningsställets tillverkningskontroll tillämpas, beskrivna i annex ZA till den harmoniserade europastandarden

**EN 14081-1:2005/A1:2011**

Detta certifikat utfärdades första gången den 31 maj 2007 och förblir giltigt så länge som villkoren i refererade harmoniserade tekniska specifikationer, eller tillverkningsförhållandena i produktionen, inte modifieras, dock längst till och med den 31 maj 2017.

Detta är utgåva 2.

Borås den 16 april 2012

**SP Sveriges Tekniska Forskningsinstitut**  
Certifiering, anmält organ nr 0402



Lennart Månsson  
Chef, Certifiering



Bertil Johansson  
Certifieringsingenjör

#### SP Sveriges Tekniska Forskningsinstitut

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Svenska anmälda organ bedöms och utses av SWEDAC (Styrelsen för ackreditering och teknisk kontroll).  
Detta certifikat får endast återges i sin helhet, om inte SP i förväg skriftligen godkänt annat.