



SLOVENSKI STANDARD
oSIST prEN 336:2012
01-maj-2012

Konstrukcijski les - Mere, dovoljena odstopanja

Structural timber - Sizes, permitted deviations

Bauholz für tragende Zwecke - Maße, zulässige Abweichungen

Bois de structure - Dimensions, écarts admissibles

Ta slovenski standard je istoveten z: prEN 336

<https://standards.iteh.ai/catalog/standards/sist/3cf99e51-5ff7-41f0-b8a6-fbdb66ea3a57/sist-en-336-2013>

ICS:

79.040	Les, hlodovina in žagaj les	Wood, sawlogs and sawn timber
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oSIST prEN 336:2012

en,fr,de

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

DRAFT
prEN 336

March 2012

ICS 79.040

Will supersede EN 336:2003

English Version

Structural timber - Sizes, permitted deviations

Bois de structure - Dimensions, écarts admissibles

Bauholz für tragende Zwecke - Maße, zulässige
Abweichungen

This draft European Standard is submitted to CEN members for enquiry. It has been drawn up by the Technical Committee CEN/TC 124.

If this draft becomes a European Standard, CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

This draft European Standard was established by CEN in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

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Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

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Foreword

This document (prEN 336:2012) has been prepared by Technical Committee CEN/TC 124 “Timber structures”, the secretariat of which is held by AFNOR.

This document is currently submitted to the CEN Enquiry.

This document will supersede EN 336:2003.

Compared to EN 336:2003 the following modifications have been made:

- a) in the scope the limit to 300 mm is deleted so the standard is available for large cross section;
- b) in subclause 4.2 the changes in size due to changes in moisture content are given for hardwoods;
- c) in subclause 4.3 the permitted cross sectional deviations are given for thicknesses and widths above 300 mm.

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prEN 336:2012 (E)**Introduction**

Target size is the basis for this European Standard.

A method of calculating sizes at other moisture levels is provided.

This European Standard also stipulates a method for the measurement of moisture content.

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1 Scope

This European Standard specifies two classes of permitted deviations from target sizes for structural timber of softwood and hardwood species.

It also specifies the moisture content to be used as a reference point for the measurement of sizes, and gives average values for changes in size due to changes in moisture content.

It is applicable to sawn and prepared square-edged structural timber with parallel edges having sawn thicknesses or widths greater than 22 mm.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 1309-1, *Round and sawn timber - Method of measurement of dimensions - Part 1: Sawn timber*

EN 13183-2, *Moisture content of a piece of sawn timber - Part 2: Estimation by electrical resistance method*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

3.1

target size

size specified (at the reference moisture content), and to which the deviations, which would ideally be zero, are to be related

3.2

deviation

difference between actual size and the corresponding target size, making allowance for the difference in size due to difference in moisture content (see clause 5)

3.3

moisture content

amount of water present in timber, expressed as a percentage of the oven-dry mass

4 Sizes for structural timber

4.1 General

Sizes shall be measured in accordance with EN 1309-1.

For the purposes of this standard the reference moisture content is 20 %.

4.2 Changes in size due to changes in moisture content

Unless there is evidence to the contrary, it shall be assumed that:

- for softwoods and poplar, the thickness and width of a piece of timber increase by 0,25 % for every 1,0 % of moisture content higher than 20 % up to 30 %, and decrease by 0,25 % for every 1,0 % of moisture content lower than 20 %;