

STN	Trvanlivosť dreva a výrobkov na báze dreva Skúšobná metóda na určovanie ochrannej účinnosti proti drevokazným hubám Basidiomycetes Časť 2: Určovanie základnej alebo zvýšenej trvanlivosti	STN EN 113-2 49 0702
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Durability of wood and wood-based products - Test method against wood destroying basidiomycetes - Part 2: Assessment of inherent or enhanced durability

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

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English Version

**Durability of wood and wood-based products - Test
method against wood destroying basidiomycetes - Part 2:
Assessment of inherent or enhanced durability**

Durabilité du bois et des matériaux dérivés du bois -
Méthode d'essai vis-à-vis des champignons
basidiomycètes - Partie 2 : Détermination de la
durabilité inhérente ou améliorée

Dauerhaftigkeit von Holz und Holzprodukten -
Prüfverfahren gegen Holz zerstörende Basidiomyceten
- Teil 2: Bewertung der natürlichen oder verbesserten
Dauerhaftigkeit

This European Standard was approved by CEN on 2 November 2020.

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This European Standard exists 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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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

EN 113-2:2020 (E)

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EN 113-2:2020 (E)**European foreword**

This document (EN 113-2:2020) has been prepared by Technical Committee CEN/TC 38 “Durability of wood and wood-based products”, the secretariat of which is held by AFNOR.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by May 2021, and conflicting national standards shall be withdrawn at the latest by May 2021.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

This document supersedes CEN/TS 15083-1:2005, EN 113:1996, EN 113:1996/A1:2004.

The different parts of EN 113 deal with similar testing but relate to a different scope.

In comparison with CEN/TS 15083-1:2005 EN 113:1996, EN 113:1996/A1:2004, the following significant changes have been made:

- change of the title;
- the obligatory fungi are indicated differently;
- the methods for sterilization are updated;
- all annexes are informative except Annex B.

According to the CEN-CENELEC Internal Regulations, the national standards organisations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

Introduction

This document describes a laboratory method of test which gives a basis for the assessment of the biological durability of a sample of wood or wood product against attack by wood-destroying basidiomycetes. Specifically the natural durability of a wood species can vary depending on the conditions of growth such as climate and soil type. For this reason, the durability established using the method described in this document will relate only to the sample of timber tested. Guidance on sampling is given in Annex A.

This laboratory method provides one criterion by which the durability of the timber can be assessed. It is recommended that this information is supplemented by data from other relevant tests, and above all by practical experience.

The procedures described in this standard method are intended to be carried out by suitably trained or supervised specialists.

EN 113-2:2020 (E)**1 Scope**

This document specifies a method of test for determining the natural durability of a timber against wood-destroying basidiomycetes cultured on a malt extract agar medium. The method is applicable to all timber species.

Furthermore this method can be used to test modified wood. The test method described in this document can be applied to specific wood species, commercial supplies of sawn timber, wood-based materials, wood treated with preservatives and modified wood, both thermally and chemically modified wood.

However, this document is not intended to determine the effectiveness of wood preservatives used to prevent decay.

NOTE 1 Determining the efficacy of wood preservatives used to prevent decay is the scope of EN 113-1. However, in addition to this and with some amendments, it might also be possible in some cases to test treated wood using the method described here.

NOTE 2 This method can be used in conjunction with an ageing procedure, for example EN 73 or EN 84.

Annex A (informative) contains a guidance on sampling.

Annex B (normative) contains some methods of sterilization.

Annex C (informative) contains information on the culture vessels.

Annex D (informative) contains an example of a test report.

Annex E (informative) contains information on the test fungi.

Annex F (informative) contains the assessment of the results.

2 Normative references

There are no normative references in this document.

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