
Biološka odpornost lesa in lesnih proizvodov - Priprava vzorcev lesa in lesnih materialov pred izpiranjem

Biological durability of wood and wood-based products - Preparation of wood and wood-based material specimens before leaching testing

Biologische Dauerhaftigkeit von Holz und Holzprodukten - Vorbereitung von Prüfkörpern aus Holz- und Holzprodukten vor der Auswaschprüfung

Durabilité biologique du bois et des matériaux à base de bois - Préparation des éprouvettes de bois et de matériaux à base de bois avant essai de lixiviation

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EUROPEAN STANDARD
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English Version

**Biological durability of wood and wood-based products -
Preparation of wood and wood-based material specimens
before leaching testing**

Durabilité biologique du bois et des matériaux à base
de bois - Préparation des éprouvettes de bois et de
matériaux à base de bois avant essai de délavage

Biologische Dauerhaftigkeit von Holz und
Holzprodukten - Vorbereitung von Holz- und
Holzwerkstoffproben vor der Auswaschprüfung

This draft European Standard is submitted to CEN members for enquiry. It has been drawn up by the Technical Committee CEN/TC 38.

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.

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European foreword

This document (prEN 18381:2026) has been prepared by Technical Committee CEN/TC 38 “Biological durability of wood and wood-based products”, the secretariat of which is held by SIS.

This document is currently submitted to the CEN Enquiry.

CEN/TC 38 has leaching standards for estimating environmental emissions from preservative treated wood. These standards describe the preparation of wood-based specimens that are specific and perfectly suited to anisotropic materials. Other Technical Committees such as CEN/TC 351 also have leaching standards for the assessment of release of dangerous substances.

This document aims to describe precisely how to prepare specimens of wood and wood-based materials before leaching tests for the needs of the CEN/TC 38 standards and if other leaching standards other than those of CEN/TC 38 are used.

The wood preservative rules request the preparation of specimen then the immersion brings dimensions considerations at laboratory scales. The immersion regime will be determined by use class (EN 335):

- EN 15119 Part 1: Wood held in the storage yard after treatment and wooden commodities exposed in Use Class 3 (not covered, not in contact with the ground) — Laboratory method
- EN 15119 Part 2: Wooden commodities exposed in Use Class 4 or 5 (in contact with the ground, fresh water or sea water) — Laboratory method
- EN 16663 Biological durability of wood and wood-based products — Determination of emissions from preservative treated wood to the environment — Wooden commodities exposed in Use Class 3 (Not covered, not in contact with the ground) — Semi-field method