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**Zaščitna sredstva za les - Splošna navodila za vzorčenje in pripravo zaščitnih sredstev za les in zaščitenega lesa za analizo**

Wood preservatives - General guidance on sampling and preparation for analysis of wood preservatives and treated timber

Holzschutzmittel - Allgemeine Anleitung für die Probenahme und Probenvorbereitung von Holzschutzmitteln und von behandeltem Holz für die Analyse

Produits de préservation du bois - Guide général d'échantillonnage et de préparation pour l'analyse des produits de préservation du bois et du bois traité

Ta slovenski standard je istoveten z: **EN 212:2026**

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**ICS:**

71.100.50      Kemikalije za zaščito lesa      Wood-protecting chemicals

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# Sample Document

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN 212**

August 2026

ICS 71.100.50

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English Version

**Wood preservatives - General guidance on sampling and  
preparation for analysis of wood preservatives and treated  
timber**

Produits de préservation du bois - Guide général  
d'échantillonnage et de préparation pour l'analyse des  
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Probenahme und Probenvorbereitung von  
Holzschutzmitteln und von behandeltem Holz für die  
Analyse

This European Standard was approved by CEN on 22 June 2026.

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| <b>Contents</b>                                                                               | <b>Page</b> |
|-----------------------------------------------------------------------------------------------|-------------|
| <b>European foreword .....</b>                                                                | <b>3</b>    |
| <b>Introduction .....</b>                                                                     | <b>4</b>    |
| <b>1 Scope.....</b>                                                                           | <b>5</b>    |
| <b>2 Normative references.....</b>                                                            | <b>5</b>    |
| <b>3 Terms and definitions .....</b>                                                          | <b>5</b>    |
| <b>4 Safety precautions .....</b>                                                             | <b>7</b>    |
| <b>5 Guidance on sampling preservatives.....</b>                                              | <b>7</b>    |
| 5.1 General.....                                                                              | 7           |
| 5.2 Sampling of solid preservatives.....                                                      | 8           |
| 5.3 Sampling of preservatives in paste form.....                                              | 9           |
| 5.4 Sampling of liquid preservatives .....                                                    | 9           |
| <b>6 Guidance on sampling treated timber.....</b>                                             | <b>10</b>   |
| 6.1 General.....                                                                              | 10          |
| 6.2 Sampling procedures.....                                                                  | 11          |
| <b>7 Method for the determination of moisture content of preservative-treated timber.....</b> | <b>15</b>   |
| 7.1 Selection of sample.....                                                                  | 15          |
| 7.2 Apparatus .....                                                                           | 15          |
| 7.3 Procedure .....                                                                           | 15          |
| 7.4 Calculation.....                                                                          | 16          |
| <b>8 General considerations in converting samples for analysis .....</b>                      | <b>16</b>   |
| <b>9 Sampling report.....</b>                                                                 | <b>17</b>   |
| <b>Bibliography .....</b>                                                                     | <b>18</b>   |

## European foreword

This document (EN 212:2026) 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 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 February 2027, and conflicting national standards shall be withdrawn at the latest by February 2027.

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 EN 212:2003.

EN 212:2026 includes the following significant technical changes with respect to EN 212:2003:

- a) Figures 1 and 6 deleted;
- b) Figures 2-5 updated and re-numbered 1-4.

Any feedback and questions on this document should be directed to the users' national standards body. A complete listing of these bodies can be found on the CEN website.

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, Türkiye and the United Kingdom.

## Introduction

Sampling is a vital step in analysis and testing. Its importance is recognized in this document, which gives guidance on general methods for the sampling of wood preservatives and preservative-treated timber.

Such samples should be representative of the materials under examination and in a form that makes the determination of the required data possible.

No attempt has been made here to define rigidly any detailed methodology to be followed in operations in these areas because this can depend upon the nature of the preservative, the method of treatment and the particular requirements of e.g. national authorities or quality control and certification bodies.

Furthermore, the objectives of each analysis, and the demands of the individual analytical techniques, can impose their own requirements with regard to sampling and subsequent handling. Therefore, it is essential that the sampling plan for each operation should be devised in the light of the particular objective, using professional judgement based on experience.

The techniques described can be employed in a wide variety of applications ranging from laboratory research to the checking of preservatives and treated timber for arbitration purposes.

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## 1 Scope

This document gives guidance on the general procedures in the sampling and preparation for analysis of wood preservatives and preservative-treated timber.

This document is applicable to the provision of appropriate samples for analysis which can be used to check the content of active and other ingredients in preservative formulations, and the content of active and other ingredients of wood preservatives in treated timber, either before, during or after the service life of the timber.

NOTE 1 Methods of sampling creosote and creosote-treated timber are described in other standards: EN 1014-1, EN 1014-2 and EN 12490.

NOTE 2 No attempt has been made in this document to lay down detailed procedures to be adopted for control purposes at manufacturing plants where large volumes of preservatives are sampled. Nor does it attempt to establish procedures for checking the compliance of batches of treated timber with specifications demanding a defined level of treatment (see 6.2).

## 2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 351-1, *Durability of wood and wood-based products - Preservative-treated solid wood - Part 1: Classification of preservative penetration and retention*

EN 351-2, *Durability of wood and wood-based products - Preservative-treated solid wood - Part 2: Guidance on sampling for the analysis of preservative-treated wood*

## 3 Terms and definitions

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

ISO and IEC maintain terminology databases for use in standardization at the following addresses:

- ISO Online browsing platform: available at <https://www.iso.org/obp/>
- IEC Electropedia: available at <https://www.electropedia.org/>

### 3.1

#### **sampling unit**

defined quantity of material having a boundary which may be physical, for example a container, or hypothetical, for example a particular time or time interval in the case of a stream of material

Note 1 to entry: A number of sampling units can be gathered together, for example in a package or box.

Note 2 to entry: In French, the term "individu" is sometimes used as a synonym of "unité d'échantillonnage". In English, the terms "individual", "unit" and "item" are sometimes used in practice as synonyms of "sampling unit".

[ISO 6206:1979]

### 3.2

#### **sample**

one or more sampling units taken from a larger number of sampling units, or one or more increments taken from a sampling unit