

**Dentistry - Zinc oxide/eugenol cements and zinc
oxide/non-eugenol cements (ISO 3107:2011)**

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN ISO 3107:2011 sisaldab Euroopa standardi EN ISO 3107:2011 ingliskeelset teksti.</p> <p>Standard on kinnitatud Eesti Standardikeskuse 31.03.2011 käskkirjaga ja jõustub sellekohase teate avaldamisel EVS Teatajas.</p> <p>Euroopa standardimisorganisatsioonide poolt rahvuslikele liikmetele Euroopa standardi teksti kättesaadavaks tegemise kuupäev on 01.03.2011.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN ISO 3107:2011 consists of the English text of the European standard EN ISO 3107:2011.</p> <p>This standard is ratified with the order of Estonian Centre for Standardisation dated 31.03.2011 and is endorsed with the notification published in the official bulletin of the Estonian national standardisation organisation.</p> <p>Date of Availability of the European standard text 01.03.2011.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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English Version

Dentistry - Zinc oxide/eugenol cements and zinc oxide/non-eugenol cements (ISO 3107:2011)

Médecine bucco-dentaire - Ciments dentaires à base d'oxyde de zinc-eugénol et à base d'oxyde de zinc sans eugénol (ISO 3107:2011)

Zahnheilkunde - Zinkoxid-Eugenolzemente und eugenolfreie Zinkoxidzemente (ISO 3107:2011)

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Foreword

The text of ISO 3107:2011 has been prepared by Technical Committee ISO/TC 106 "Dentistry" of the International Organization for Standardization (ISO) and has been taken over as EN ISO 3107:2011 by Technical Committee CEN/TC 55 "Dentistry" the secretariat of which is held by DIN.

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of an identical text or by endorsement, at the latest by September 2011, and conflicting national standards shall be withdrawn at the latest by September 2011.

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Endorsement notice

The text of ISO 3107:2011 has been approved by CEN as a EN ISO 3107:2011 without any modification.

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Introduction

Specific qualitative and quantitative requirements for freedom from biological hazard are not included in this International Standard, but it is intended that in assessing possible biological or toxicological hazards, reference be made to ISO 10993-1 and ISO 7405.

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Dentistry — Zinc oxide/eugenol cements and zinc oxide/non-eugenol cements

1 Scope

This International Standard specifies requirements for non-water-based zinc oxide/eugenol cements suitable for use in restorative dentistry for temporary cementation, for bases and as temporary restorations.

This International Standard also specifies requirements for non-eugenol cements containing zinc oxide and aromatic oils suitable for temporary cementation.

2 Normative references

The following referenced documents are indispensable for the application 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.

ISO 1942, *Dentistry — Vocabulary*

ISO 2590, *General method for the determination of arsenic — Silver diethyldithiocarbamate photometric method*

ISO 3696, *Water for analytical laboratory use — Specification and test methods*

ISO 8601, *Data elements and interchange formats — Information interchange — Representation of dates and times*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO 1942 apply.

4 Classification

For the purposes of this International Standard, the following classification for cements is used, based on their intended use:

- a) type I: for temporary cementation;
- b) type II: for bases and temporary restorations.

5 Requirements

5.1 Performance requirements

When tested in accordance with the appropriate test methods specified in Clause 7, type I and type II cements shall comply with the performance requirements specified in Table 1.