

Primers for cold and hot applied joint sealants - Part 2:
Determination of resistance against alkali

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>See Eesti standard EVS-EN 15466-2:2024 sisaldab Euroopa standardi EN 15466-2:2024 ingliskeelset teksti.</p> <p>Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.</p> <p>Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 06.03.2024.</p> <p>Standard on kättesaadav Eesti Standardimis-ja Akrediteerimiskeskusest.</p>	<p>This Estonian standard EVS-EN 15466-2:2024 consists of the English text of the European standard EN 15466-2:2024.</p> <p>This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation and Accreditation.</p> <p>Date of Availability of the European standard is 06.03.2024.</p> <p>The standard is available from the Estonian Centre for Standardisation and Accreditation.</p>
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English Version

Primers for cold and hot applied joint sealants - Part 2:
Determination of resistance against alkali

Impressions pour mastics de joints appliqués à froid et
à chaud - Partie 2 : Détermination de la résistance aux
alcalis

Voranstriche für kalt und heiß verarbeitbare
Fugenmassen - Teil 2: Bestimmung der
Alkalibeständigkeit

This European Standard was approved by CEN on 12 January 2024.

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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

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European foreword

This document (EN 15466-2:2024) has been prepared by Technical Committee CEN/TC 227 “Road materials”, the secretariat of which is held by BSI.

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of an identical text or by endorsement, at the latest by September 2024, and conflicting national standards shall be withdrawn at the latest by September 2024.

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 15466-2:2009.

The main changes compared to the previous edition are listed below:

- Clause 6 and Clause 4 have been redrafted to clarify the former description of the test, that did lead to erroneous interpretation, although technically no changes have been included;
- information to be included in the test report has been updated;
- additionally, some headings have been renamed.

This document is one of a series of standards as listed below:

- EN 15466-1, *Primers for cold and hot applied joint sealants — Part 1: Determination of homogeneity*;
- EN 15466-2, *Primers for cold and hot applied joint sealants — Part 2: Determination of resistance against alkali*;
- EN 15466-3, *Primers for cold and hot applied joint sealants — Part 3: Determination of solids content and evaporation behaviour of volatiles*.

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.

1 Scope

This document describes a method for determining the resistance against alkali of primers for cold and hot applied joint sealants.

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 14188-4:2009, *Joint fillers and sealants — Part 4: Specifications for primers to be used with joint sealants*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in EN 14188-4:2009 and the following apply.

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

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

3.1 standard atmosphere

standard atmosphere 23/50, class 2 (see EN ISO 291)

3.2 resistance against alkali

resistance against alkali of a primer tested by the behaviour of the primer coated on a glass surface and characterized by insolubility, changes in hardness and its bond behaviour after conditioning in an alkali solution

4 Principle

Two glass plates, each with one side coated with the primer, are immersed, one in a glass beaker filled with water and the other one in a glass beaker filled with a solution of potassium hydroxide in water.

After conditioning in a test enclosure or conditioning room at standard atmosphere for 24 h the resistance against alkali is characterized by the record of any changes of the test liquids and the coated glass plates with regards to the assessment criteria mentioned above.

5 Test equipment

5.1 Clear glass beaker, diameter approximately 120 mm, height approximately 200 mm, with an upper flat rim, no spout, and with a glass cover.

5.2 Glass plates, without scratches, dimensions approximately 90 mm × 120 mm.

5.3 Preparation needle, (e.g. penetration needle).

5.4 Paint brush.