

Primers for cold and hot applied joint sealants - Part 1:
Determination of homogeneity

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>See Eesti standard EVS-EN 15466-1:2024 sisaldab Euroopa standardi EN 15466-1:2024 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 15466-1:2024 consists of the English text of the European standard EN 15466-1:2024.</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>
---	---

Tagasisidet standardi sisu kohta on võimalik edastada, kasutades EVS-i veebilehel asuvat tagasiside vormi või saates e-kirja meiliaadressile standardiosakond@evs.ee.

ICS 93.080.20

Standardite reprodutseerimise ja levitamise õigus kuulub Eesti Standardimis- ja Akrediteerimiskeskusele. Andmete paljundamine, taastekitamine, kopeerimine, salvestamine elektroonsesse süsteemi või edastamine ükskõik millises vormis või millisel teel ilma Eesti Standardimis-ja Akrediteerimiskeskuse kirjaliku loata on keelatud.

Kui Teil on küsimusi standardite autorikaitse kohta, võtke palun ühendust Eesti Standardimis-ja Akrediteerimiskeskusega: Koduleht www.evs.ee; telefon 605 5050; e-post info@evs.ee

The right to reproduce and distribute standards belongs to the Estonian Centre for Standardisation and Accreditation. No part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying, without a written permission from the Estonian Centre for Standardisation and Accreditation.

If you have any questions about copyright, please contact Estonian Centre for Standardisation and Accreditation: Homepage www.evs.ee; phone +372 605 5050; e-mail info@evs.ee

English Version

Primers for cold and hot applied joint sealants - Part 1: Determination of homogeneity

Primaires pour produits de scellement de joints
appliqués à froid et à chaud - Partie 1 : Détermination
de l'homogénéité

Voranstriche für kalt und heiß verarbeitbare
Fugenmassen - Teil 1: Bestimmung der Homogenität

This European Standard was approved by CEN on 4 January 2024.

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. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

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.

CEN members are the national standards bodies of 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 United Kingdom.



EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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

Contents		Page
European foreword.....		3
1	Scope.....	4
2	Normative references.....	4
3	Terms and definitions	4
4	Principle	4
5	Apparatus.....	4
6	Preparation and conditioning of test specimens.....	4
7	Procedure.....	4
7.1	General.....	4
7.2	Visual assessment of the product supplied	4
7.3	Assessment of settling behaviour of the product supplied.....	5
7.4	Visual assessment after homogenization.....	5
8	Expression of results.....	5
8.1	Description of the product supplied	5
8.2	Description of the product supplied after homogenization	5
9	Test report.....	5

European foreword

This document (EN 15466-1:2024) 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 15466-1:2009.

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

- revision of the headings of several subclauses for clarification;
- details added to assessment procedures;
- details added to the information to be included in the test report.

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 homogeneity 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*

EN ISO 4788, *Laboratory glassware — Graduated measuring cylinders (ISO 4788)*

3 Terms and definitions

For the purpose of this document, the terms and definitions given in EN 14188-4:2009 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>

4 Principle

A primer is considered as homogeneous if it shows no phase separation, no floating particles and no deposited solids. Tests for appearance and visible floating particles are carried out on the primer as delivered in the original container. Tests for homogenization, phase separation and floating particles are carried out on a sample conditioned in a clear glass measuring cylinder.

5 Apparatus

5.1 Round rod, diameter (10 ± 2) mm, length (600 ± 100) mm.

5.2 Measuring cylinder, volume 500 ml, in accordance with EN ISO 4788.

6 Preparation and conditioning of test specimens

The primer as delivered in the container shall be prepared by conditioning in a test or conditioning room for at least 24 h at (23 ± 2) °C.

7 Procedure

7.1 General

All the tests shall be carried out at an air temperature of (23 ± 5) °C.

7.2 Visual assessment of the product supplied

Colour and gleam of the primer shall be determined by visual observation.