
Primers for cold and hot applied joint sealants - Part 1: Test method for the determination of homogeneity

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

Primaire pour produits de scellement de joints appliqués a froid et a chaud - Partie 1 : Méthode d'essai de détermination de l'homogénéité

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This draft European Standard is submitted to CEN members for enquiry. It has been drawn up by the Technical Committee CEN/TC 227.

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.

This draft European Standard was established by CEN 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 Management Centre has the same status as the official versions.

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Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

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

Management Centre: rue de Stassart, 36 B-1050 Brussels

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Foreword

This document (prEN 15466-1:2006) has been prepared by Technical Committee CEN/TC 227 “Road materials”, the secretariat of which is held by DIN.

This document is currently submitted to the CEN Enquiry.

This European Standard is one of a series of standards as listed below:

- | | |
|--------------|---|
| prEN 15466-1 | <i>Primers for cold and hot applied joint sealants — Part 1: Test method for the determination of appearance and composition</i> |
| prEN 15466-2 | <i>Primers for cold and hot applied joint sealants — Part 2: Test method for the determination of resistance against alkali</i> |
| prEN 15466-3 | <i>Primers for cold and hot applied joint sealants — Part 3: Test method for the determination of drying behaviour and solids content</i> |

1 Scope

This European Standard describes a method for determining the homogeneity of primers for cold and hot applied joint sealants.

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2 Normative references

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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.

prEN 14188-4, *Joint fillers and sealants — Part 4: Specifications for primers for cold and hot applied sealants.*

3 Terms and definitions

For the purposes of this European Standard, the terms and definitions given in prEN 14188-4 and the following apply.

3.1

homogeneity

The primer is homogeneous if it has no phase separation, no floating particles and no deposited solids.

4 Principle

An original container of the primer in the state of delivery is to test its homogeneity. A laboratory sample is poured in a measuring cylinder and examined for phase separation, visibly floating particles and deposited solids after conditioning.

prEN 15466-1:2006 (E)**5 Apparatus**

5.1 Round wood rod, diameter about 10 mm, length about 500 mm.

5.2 Measuring cylinder, volume 500 ml.

6 Preparation and conditioning of test specimens

6.1 The primer in the state of delivery shall be conditioned at (23 ± 2) °C during at least 24 h.

7 Procedure**7.1 General**

All tests have to be carried out at air temperature of (23 ± 5) °C.

7.2 Appearance and smell in the state of delivery

Colour, gleam and smell of the primer shall be determined with the senses.

7.3 Constitution in the state of delivery

Checking by scraping with the wood rod for deposited solids on the container bottom.

7.4 Constitution after homogenization

Take the primer to the homogeneous state with suitable proceedings like shaking or stirring. Immediately after homogenizing fill about 500 ml of the primer into the measuring cylinder and allow to stand during (60 ± 5) min.

Determine by eyes the primer relating to phase separation an floating particles. Checking by scraping with the wood rod for deposited solids on the bottom of the measuring cylinder.

8 Expression of results**8.1 Primer in the state of delivery**

Report colour, gloss and odour of the primer and deposited solids on the container bottom (see 7.1, 7.2 and 7.3).

8.2 Primer after homogenization

Report the homogeneity of the primer after homogenization as homogeneous or not homogeneous.