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STN	**Zálievky používané za studena Skúšobné metódy Časť 8: Umelé starnutie vplyvom ultrafialového žiarenia**	**STN EN 14187-8 73 6166**

Cold applied joint sealants - Test methods - Part 8: Determination of the artificial weathering by UV-irradiation

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 08/17

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EN 14187-8

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Supersedes EN 14187-8:2003

English Version

Cold applied joint sealants - Test methods - Part 8: Determination of the artificial weathering by UV-irradiation

Mastics pour joints appliqués à froid - Méthodes d'essai - Partie 8 : Détermination du vieillissement artificiel par rayonnement UV

Kalt verarbeitbare Fugenmassen - Prüfverfahren - Teil 8: Bestimmung der künstlichen Bewitterung durch UV-Bestrahlung

This European Standard was approved by CEN on 6 February 2017.

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CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

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European foreword

This document (EN 14187-8:2017) has been prepared by Technical Committee CEN/TC 227 "Road materials", 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of an identical text or by endorsement, at the latest by September 2017, and conflicting national standards shall be withdrawn at the latest by September 2017.

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 will supersede EN 14187-8:2003.

Apart from editorial changes the following major changes have been made in this revision:

a) Change of title

b) Definition of the light source

c) Definition of black standard thermometer

d) Test temperature of (40 ± 10) °C and the method to wet the test specimens by water spray or immersion

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

EN 14187-1, *Cold applied joint sealants — Test methods — Part 1: Determination of rate of cure*.

EN 14187-2, *Cold applied joint sealants — Test methods — Part 2: Determination of tack free time*.

EN 14187-3, *Cold applied joint sealants — Test methods — Part 3: Determination of self-levelling properties*.

EN 14187-4, *Cold applied joint sealants — Test methods — Part 4: Determination of the change in mass and volume after immersion in test fuels and liquid chemicals*.

EN 14187-5, *Cold applied joint sealants — Test methods — Part 5: Determination of the resistance to hydrolysis*.

EN 14187-6, *Cold applied joint sealants — Test methods — Part 6: Determination of the adhesion/cohesion properties after immersion in test fuels and liquid chemicals*.

EN 14187-7, *Cold applied joint sealants — Test methods — Part 7: Determination of the resistance to flame*.

EN 14187-8, *Cold applied joint sealants — Test methods — Part 8: Determination of the resistance to artificial weathering by UV-irradiation*.

EN 14187-9, *Cold applied joint sealants — Test methods — Part 9: Function testing of joint sealants.*

WARNING — Attention is drawn to the health and safety at work and the need to ensure that this test is carried out under suitable environmental conditions to provide adequate protection to persons against the risk of contact or inhalation of toxic products.

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, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

1 Scope

This European Standard describes a test method for evaluating the resistance of cold applied joint sealants to the action of UV-light by determination of the change of physical properties after irradiation by artificial UV-light.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 13880-12, *Hot applied joint sealants - Part 12: Test method for the manufacture of concrete test blocks for bond testing (recipe methods)*

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

EN ISO 4892-1, *Plastics - Methods of exposure to laboratory light sources - Part 1: General guidance (ISO 4892-1)*

EN ISO 4892-2, *Plastics - Methods of exposure to laboratory light sources - Part 2: Xenon-arc lamps (ISO 4892-2)*

EN ISO 6927, *Buildings and civil engineering works - Sealants - Vocabulary (ISO 6927)*

EN ISO 8340, *Building construction - Sealants - Determination of tensile properties at maintained extension (ISO 8340)*