

STN	Zálievky používané za horúca Časť 4: Skúšobné metódy na určovanie tepelnej stálosti Zmeny hodnoty penetrácie	STN EN 13880-4 73 6165
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Hot applied joint sealants - Part 4: Test method for the characterization of heat resistance - Change in penetration value

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. 11/24

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EUROPEAN STANDARD

EN 13880-4

NORME EUROPÉENNE

EUROPÄISCHE NORM

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Supersedes EN 13880-4:2003

English Version

Hot applied joint sealants - Part 4: Test method for the characterization of heat resistance - Change in penetration value

Produits de scellement de joints appliqués à chaud -
Partie 4 : Méthode d'essai pour la détermination de la
résistance à la chaleur - Variation de la pénétrabilité

Heiß verarbeitbare Fugenmassen - Teil 4:
Prüfverfahren zur Bestimmung der
Wärmebeständigkeit - Änderung der Konus-
Penetration

This European Standard was approved by CEN on 24 June 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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EN 13880-4:2024 (E)

Contents		Page
European foreword		3
1	Scope.....	5
2	Normative references.....	5
3	Terms and definitions	5
4	Principle	5
5	Apparatus	6
6	Procedure	6
6.1	General.....	6
6.2	Exposure at elevated temperature	6
6.3	Cone penetration.....	6
6.4	Penetration and recovery (resilience).....	6
6.5	Test conditions for storage at elevated temperature	6
6.6	Conditioning after storage at elevated temperature	6
7	Expression of results	6
8	Precision	7
9	Test report.....	7
Bibliography		8

European foreword

This document (EN 13880-4:2024) 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 February 2025, and conflicting national standards shall be withdrawn at the latest by February 2025.

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 13880-4:2003.

EN 13880-4:2024 includes the following significant technical changes with respect to EN 13880-4:2003:

- clarification of the test to improve the performance of the test method.

This document is one part of the EN 13880 series of standards, *Hot applied joint sealants*, which consists of the following parts:

- *Part 1: Test method for the determination of density at 25 °C.*
- *Part 2: Test method for the determination of cone penetration at 25 °C.*
- *Part 3: Test method for the determination of penetration and recovery (resilience).*
- *Part 4: Test method for the determination of heat resistance — Change in penetration value.*
- *Part 5: Test method for the determination of flow resistance.*
- *Part 6: Method for the preparation of samples for testing.*
- *Part 7: Function testing of joint sealants.*
- *Part 8: Test method for the determination of the change in weight of fuel resistance joint sealants after fuel immersion.*
- *Part 9: Test method for the determination of compatibility with asphalt pavements.*
- *Part 10: Test method for the determination of adhesion and cohesion following continuous extension and compression.*
- *Part 11: Test method for the preparation of asphalt test blocks used in the function test and for the determination of compatibility with asphalt pavements.*
- *Part 12: Test method for the manufacture of concrete test blocks for bond testing (recipe methods).*
- *Part 13: Test method for the determination of the discontinuous extension (adherence test).*

This document has been prepared under a standardization request addressed to CEN by the European Commission. The Standing Committee of the EFTA States subsequently approves these requests for its Member States.

EN 13880-4:2024 (E)

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 specifies a method to characterize the heat resistance on samples of hot applied joint sealants according to EN 14188-1 by comparing the cone penetration and resilience values before and after exposure.

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 58, *Bitumen and bituminous binders — Sampling bituminous binders*

EN 13880-2, *Hot applied joint sealants — Part 2: Test method for the determination of cone penetration at 25°C*

EN 13880-3, *Hot applied joint sealants — Part 3: Test method for the determination of penetration and recovery (resilience)*

EN 14188-1, *Joint fillers and sealants — Part 1: Specifications for hot applied sealants*

ISO 188, *Rubber, vulcanized or thermoplastic — Accelerated ageing and heat resistance tests*

koniec náhľadu – text ďalej pokračuje v platenej verzii STN