

STN	Asfaltové zmesi Skúšobné metódy Časť 41: Odolnosť proti rozmrazovacím prostriedkom	STN EN 12697-41 73 6061
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Bituminous mixtures - Test methods - Part 41: Resistance to de-icing fluids

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. 05/23

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English Version

Bituminous mixtures - Test methods - Part 41: Resistance to de-icing fluidsMélanges bitumineux - Méthodes - Partie 41 :
Résistance aux agents déverglaçantsAsphalt - Prüfverfahren - Teil 41: Widerstand gegen
chemische Auftaumittel

This European Standard was approved by CEN on 18 December 2022.

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

EN 12697-41:2023 (E)

Contents		Page
European foreword		3
1	Scope	4
2	Normative references	4
3	Terms and definitions	4
4	Principle	4
5	Apparatus	5
6	Solvent and other materials	6
7	Preparation of test specimens	6
8	Procedure	7
8.1	Storage	7
8.2	Test	7
9	Calculation and expression of results	8
10	Report	9
11	Precision	9
Bibliography		10

European foreword

This document (EN 12697-41:2023) 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of an identical text or by endorsement, at the latest by July 2023, and conflicting national standards shall be withdrawn at the latest by July 2023.

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 12697-41:2013.

EN 12697-41:2023 includes the following significant technical changes with respect to EN 12697-41:2013:

- the title no longer refers to hot mix asphalt;
- [1] examples of de-icing fluids deleted in the Scope;
- [3.1] definition clarified;
- [7.2] completion of recommendation to prepare additional specimens in case of divergence of results;
- [7.4] clarified description for drilling and sawing of test specimen;
- [7.5] NOTE deleted;
- [8.1.3] NOTE amended to normal text;
- [8.1.5] tolerance for storing amended to $70 \text{ d} \pm 1 \text{ d}$;
- [8.2.1] 2nd paragraph of NOTE amended to normal text;
- [9.3 and 9.5] NOTE deleted; reworded to normal text and placed in 7.2;
- [10] density and pH-value reporting deleted;
- [10] example of de-icing fluid “(e.g. potassium acetate)” deleted.

A list of all parts in the EN 12697 series can be found on the CEN website.

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.

EN 12697-41:2023 (E)**1 Scope**

This document specifies a test method to determine the resistance of bituminous materials to de-icing fluids. The procedure determines the surface tensile strength of a specimen of asphalt which has been stored in de-icing fluid.

This document is primarily used as a test on asphalt to be laid on airfields, but it can be used for asphalt to be laid on roads or other paved areas.

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 12697-6, *Bituminous mixtures — Test methods — Part 6: Determination of bulk density of bituminous specimens*

EN 12697-27, *Bituminous mixtures — Test methods — Part 27: Sampling*

EN 12697-30, *Bituminous mixtures — Test methods — Part 30: Specimen preparation by impact compactor*

EN 12697-31, *Bituminous mixtures — Test methods — Part 31: Specimen preparation by gyratory compactor*

EN 12697-32, *Bituminous mixtures — Test methods — Part 32: Specimen preparation by vibratory compactor*

EN 12697-33, *Bituminous mixtures — Test method — Part 33: Specimen prepared by roller compactor*

EN 12697-35, *Bituminous mixtures — Test methods — Part 35: Laboratory mixing*

koniec náhľadu – text ďalej pokračuje v platenej verzii STN