



# SLOVENSKI STANDARD SIST EN 16346:2024

01-marec-2024

Nadomešča:

SIST-TS CEN/TS 16346:2012

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## Bitumen in bitumenska veziva - Ugotavljanje stopnje stabilnosti in neposredne obstojnosti kationskih bitumenskih emulzij

Bitumen and bituminous binders - Determination of breaking behaviour and immediate adhesivity of cationic bituminous emulsions

Bitumen und bitumenhaltige Bindemittel - Bestimmung der Brechzeit und des kurzfristigen Haftverhaltens von kationischen Bitumenemulsionen

Bitumes et liants bitumineux - Détermination du comportement à la rupture et de l'adhésivité immédiate des émulsions bitumineuses cationiques

Ta slovenski standard je istoveten z: **EN 16346:2023**

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### ICS:

75.140	Voski, bitumni in drugi naftni proizvodi	Waxes, bituminous materials and other petroleum products
91.100.50	Veziva. Tesnilni materiali	Binders. Sealing materials

**SIST EN 16346:2024**

**en,fr,de**



EUROPEAN STANDARD

EN 16346

NORME EUROPÉENNE

EUROPÄISCHE NORM

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Supersedes CEN/TS 16346:2012

English Version

## Bitumen and bituminous binders - Determination of breaking behaviour and immediate adhesivity of cationic bituminous emulsions

Bitumes et liants bitumineux - Détermination du comportement à la rupture et de l'adhésivité immédiate des émulsions bitumineuses cationiques

Bitumen und bitumenhaltige Bindemittel - Bestimmung der Brechzeit und des kurzfristigen Haftverhaltens von kationischen Bitumenemulsionen

This European Standard was approved by CEN on 20 November 2023.

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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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## European foreword

This document (EN 16346:2023) has been prepared by Technical Committee CEN/TC 336 “Bitumens and bituminous binders”, the secretariat of which is held by AFNOR.

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 June 2024, and conflicting national standards shall be withdrawn at the latest by June 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 CEN/TS 16346:2012.

In comparison with the previous edition, the main technical changes are:

- change of the name of the document, new version does not include the 2/4 aggregate size as the document now allows the assessment of various aggregate sizes;
- instead of defining the amount of emulsion, which is to be mixed with aggregate, the residual binder amount was specified (see 8.2.3.);
- assessment of the breaking behaviour (3.3) is now evaluated via washout water appearance in up to eight beakers (see 8.3.1.) instead of using a slow stream of water;
- immediate adhesivity (3.4) and immediate adhesivity after drying (3.5) are now assessed in a quantitative way instead of using indicative sketches;
- time when the immediate adhesivity (3.4) is assessed is fixed at 10 minutes (see 8.3.1);
- new procedure for evaluating the adhesivity after a certain rest time was introduced. This procedure is named “immediate adhesivity after drying” (3.5);
- aggregate (5.2) and washed out aggregate (see 8.3.1 and 8.4.4) are to be dried until a constant mass (3.6) is reached instead of about a 2 hours drying period;
- new aggregate sizes were introduced (5.1) to have a higher level of versatility;
- the maximum mixing time to obtain the full breaking (3.1) is restricted to 45 seconds (see 8.2.4);
- the possibility to use a camera for depicting the actual state of washout water in beakers was introduced (see 8.3.1 and 8.4.4);
- pictures depicting different results of the assessment of the breaking behaviour (3.3) were included in Clause 9.

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

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