

**SLOVENSKI STANDARD**  
**oSIST prEN 12697-55:2018**

**01-marec-2018**

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**Bitumenske zmesi - Preskusne metode - 55. del: Organoleptična ocena kompatibilnosti sestavnih materialov zmesi z bitumensko emulzijo**

Bituminous mixtures - Test methods - Part 55: Organoleptic assessment of compatibility of constituent materials of a mixture with bitumen emulsion

Asphalt - Prüfverfahren - Teil 55: Organoleptische Ansprache der Verträglichkeit der Ausgangsstoffe für emulsionsgebundenes Mischgut

Mélanges bitumineux - Méthodes d'essai - Partie 55: Evaluation organoleptique de la compatibilité des constituants d'un mélange à l'émulsion de bitume

**Ta slovenski standard je istoveten z:** **prEN 12697-55**

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**ICS:**

93.080.20      Materiali za gradnjo cest      Road construction materials

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NORME EUROPÉENNE  
EUROPÄISCHE NORM**

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English Version

**Bituminous mixtures - Test methods - Part 55:  
Organoleptic assessment of compatibility of constituent  
materials of a mixture with bitumen emulsion**

Mélanges bitumineux - Méthodes d'essai - Partie 55:  
Evaluation organoleptique de la compatibilité des  
constituents d'un mélange à l'émulsion de bitume

Asphalt - Prüfverfahren für Asphalt - Teil 55:  
Organoleptische Ansprache der Verträglichkeit der  
Ausgangsstoffe für emulsionsgebundenes Mischgut

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 CEN-CENELEC 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

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**prEN 12697-55:2018 (E)****Contents**

	Page
<b>European foreword.....</b>	<b>3</b>
<b>1 Scope.....</b>	<b>4</b>
<b>2 Normative references.....</b>	<b>4</b>
<b>3 Terms and definitions .....</b>	<b>4</b>
<b>4 Principle .....</b>	<b>5</b>
<b>5 Equipment .....</b>	<b>5</b>
<b>5.1 Bowls .....</b>	<b>5</b>
<b>5.2 Spatulas.....</b>	<b>5</b>
<b>5.3 Balance.....</b>	<b>5</b>
<b>5.4 Sheet of paper.....</b>	<b>5</b>
<b>5.5 Containers.....</b>	<b>5</b>
<b>6 Test methods .....</b>	<b>5</b>
<b>6.1 Preparation of the constituents.....</b>	<b>5</b>
<b>6.2 Test procedure.....</b>	<b>5</b>
<b>Method A: Coating assessment.....</b>	<b>6</b>
<b>Method B: Consistency assessment .....</b>	<b>6</b>
<b>Method C: Hydric aspect assessment.....</b>	<b>7</b>
<b>7 Expression of the results .....</b>	<b>7</b>
<b>8 Precision.....</b>	<b>7</b>
<b>9 Test report.....</b>	<b>7</b>
<b>Bibliography.....</b>	<b>9</b>

SIST EN 12697-55:2019

<https://standards.iteh.ai/catalog/standards/sist/b8a0eefa-d252-441a-972e-8743f0a7daf3/sist-en-12697-55-2019>

## **European foreword**

This document (prEN 12697-55:2018) 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.

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

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## prEN 12697-55:2018 (E)

### 1 Scope

This European Standard defines three procedures to evaluate the compatibility of the constituent materials of a bituminous mixture with bitumen emulsion. These organoleptic methods can be used together to evaluate the compatibility of the constituent materials after a hand mixing procedure for given emulsion and water content:

- Method A describes a test method to determine visually the degree of coating;
- Method B describes a test method to determine the hydric aspect;
- Method C describes a test method to determine the consistency.

This European Standard applies on mixtures prepared in laboratory or taken from the plant.

### 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 1097-5, *Tests for mechanical and physical properties of aggregates — Part 5: Determination of the water content by drying in a ventilated oven*

EN 1097-6, *Tests for mechanical and physical properties of aggregates — Part 6: Determination of particle density and water absorption*

EN 1428, *Bitumen and bituminous binders — Determination of water content in bituminous emulsions — Azeotropic distillation method* (<https://standards.iteh.ai>)

EN 12594, *Bitumen and bituminous binders — Preparation of test samples*

### 3 Terms and definitions

[SIST EN 12697-55:2019](#)

For the purposes of this document, the following terms and definitions apply.[743f0a7daf3/sist-en-12697-55-2019](#)

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- IEC Electropedia: available at <http://www.electropedia.org/>
- ISO Online browsing platform: available at <http://www.iso.org/obp>

#### 3.1

##### **degree of coating**

visual assessment of the percentage of mineral aggregate coated by emulsion

#### 3.2

##### **consistency**

visual and tactile assessment of cohesion increase using comparisons of different mixtures resistance under manual pressure

#### 3.3

##### **hydric aspect**

visual assessment of the mixture aspect regarding the water content (dry to soup)