SLOVENSKI STANDARD
SIST EN 12697-25:2016/oprA1:2020

01-april-2020

Bitumenske zmesi - Preskusne metode - 25. del: Ciklični tlačni preskus

Bituminous mixtures - Test methods - Part 25: Cyclic compression test

Asphalt - Prüfverfahren - Teil 25: Druck-Schwellversuch

Mélanges bitumineux - Méthodes d'essai - Partie 25 : Essai de compression cyclique

Ta slovenski standard je istoveten z: **EN 12697-25:2016/prA1**

ICS:

93.080.20 Materiali za gradnjo cest Road construction materials

SIST EN 12697-25:2016/oprA1:2020 **en,fr,de**

EUROPEAN STANDARD

NORME EUROPÉENNE

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ICS 93.080.20

English Version

Bituminous mixtures - Test methods - Part 25: Cyclic compression test

Mélanges bitumineux - Méthodes d'essai - Partie 25 : Essai de compression cyclique

Asphalt - Prüfverfahren - Teil 25: Druck-Schwellversuch

This draft amendment is submitted to CEN members for enquiry. It has been drawn up by the Technical Committee CEN/TC 227.

This draft amendment A1, if approved, will modify the European Standard EN 12697-25:2016. If this draft becomes an amendment, CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for inclusion of this amendment into the relevant national standard without any alteration.

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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

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

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European foreword

This document (EN 12697-25:2016/prA1:2020) has been prepared by Technical Committee CEN/TC 227 “Road materials”, the secretariat of which is held by BSI.

This document is currently submitted to the CEN Enquiry.

This document will correct EN 12697-25:2016.

1 Modification to Clause 7.6.3.1, "Loading conditions (Method A1)"

Replace:

"NOTE 1 A typical value for tests on rolled asphalt according to method A1 is (72 ± 7) N (this corresponds to a pre-stress of (10 ± 1) kPa on a test specimen with a diameter of the loading surface of 96 mm) which is applied for (120 ± 6) s."

With:

"NOTE 1 A typical value for tests on rolled asphalt according to method A1 is (72 ± 7) N (this corresponds to a pre-stress of (10 ± 1) kPa on a test specimen with a diameter of the loading surface of 96 mm) which is applied for (600 ± 6) s.".

2 Modification to Clause 8.4.3, "Reduction of friction to loading platens"

Replace:

"To minimize the friction between the upper and lower loading platens and the test specimen, the end faces of the test specimen shall be smooth and plain. Brush the hand over the test specimens' surface. If it feels even without blemishes, it shall be considered adequate, otherwise it shall be polished or ground.

A friction reducing system shall be applied. The friction-reducing system shall consist of a circular disk cut out of a PTFE-sheet (e.g. Teflon or equivalent). The PTFE-sheet shall have a thickness of 0,5 mm and a shore hardness between D50 and D60. The diameter of the disk shall comply with the diameter of the loading platen.

Other systems to reduce the friction between loading platen and test specimen surface may be applied if proven that the alternative systems reduces the friction in a similar extend as prescribed system and doesn't influence the axial strain measurement.

NOTE The amount of friction between the loading platens and the test specimen is known to have a large impact on the results."

With:

"The end faces of the specimen shall be smooth and plain. Brush the hand over the specimens' surface. If it feels even without blemishes, it shall be considered adequate, otherwise it shall be polished or ground.

To minimize the friction between the loading platens and the test specimen, a membrane-lubricant-membrane-system shall be used between the loading platens and the specimen.

The membrane may e.g. consist of a disk cut out of typical geotechnical latex rubber membranes, e.g. ELE P/N EL-25-7621 or WFI P/N 11091 or equivalent, of the same diameter as the specimen. A small amount of silicon grease should be applied between both membranes.

NOTE The amount of friction between the loading platens and the test specimen is known to have a large impact on the results.".