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Nadomešča:
SIST EN 12697-52:2017

Bitumenske zmesi - Preskusne metode - 52. del: Kondicioniranje za zagotovitev oksidativnega staranja

Bituminous mixtures - Test methods - Part 52: Conditioning to address oxidative ageing

Asphalt - Prüfverfahren - Teil 52: Konditionierung zur Ansprache der oxidativen Alterung

Mélange bitumineux - Méthodes d'essai - Partie 52 : Conditionné pour traiter le vieillissement oxydatif

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ICS:

93.080.20 Materiali za gradnjo cest Road construction materials

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TECHNICAL SPECIFICATION
SPÉCIFICATION TECHNIQUE
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CEN/TS 12697-52

May 2025

ICS 93.080.20

Supersedes CEN/TS 12697-52:2017

English Version

**Bituminous mixtures - Test methods - Part 52:
Conditioning to address oxidative ageing**

Mélanges bitumineux - Méthodes d'essai - Partie 52 :
Conditionnement pour l'obtention d'un vieillissement
par oxydation

Asphalt - Prüfverfahren - Teil 52: Konditionierung zur
Ansprache der oxidativen Alterung

This Technical Specification (CEN/TS) was approved by CEN on 10 February 2025 for provisional application.

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

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CEN/TS 12697-52:2025 (E)

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European foreword

This document (CEN/TS 12697-52:2025) has been prepared by Technical Committee CEN/TC 227 “Road material”, the secretariat of which is held by BSI.

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This document supersedes CEN/TS 12697-52:2017.

CEN/TS 12697-52:2025 includes the following significant technical changes with respect to CEN/TS 12697-52:2017:

- general editorial update according to current standard template and CEN/CENELEC Internal Regulations, Part 3:2019;
- [2] deletion of “for hot mix asphalt” in titles of occurring test methods in EN 12697-series;
- [2] addition of EN 1427, EN 12607-1 and EN 14769;
- [3] update of Terms and definitions;
- [5.1.2], [5.1.3], [5.1.4] and [5.1.5] updated wording regarding the maximum permissible error;
- [5.1.2] introduction of explanatory NOTE 1 regarding the use of device when condition loose mixture;
- [5.2.2] previous Clause with title “Preparation” including text deleted;
- [5.2.2] change of title to read “Conditioning for short-term ageing potential (Procedure A.1);
- [5.2.2] clarification of paragraph that preparation of mixture is only valid for short-term ageing;
- [5.2.2] correction of thickness of the loose mix and addition of interval for stirring the mixture;
- [5.2.3] change of title to read “Conditioning for long-term ageing potential (Procedure A.2);
- [5.2.3] clarification regarding the preparation of mixture for long-term ageing and information of the potential further analysis of mixtures after conditioning;
- [5.3] update of the contents in the test report;
- [6.1] updated wording regarding the maximum permissible error in relevant subclauses;
- [6.2.1] introduction of explanatory NOTE regarding the impact of re-heating of asphalt mixture;
- [6.2.2] update of the contents in the test report;
- [6.3.1] addition of specification of material for the tubing;
- [6.3.2] update of the contents in the test report.

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