

DIN EN 12697-3



ICS 93.080.20

Supersedes
DIN EN 12697-3:2013-08

**Bituminous mixtures –
Test methods –
Part 3: Bitumen recovery: Rotary evaporator;
English version EN 12697-3:2013+A1:2018,
English translation of DIN EN 12697-3:2019-03**

Asphalt –
Prüfverfahren –
Teil 3: Rückgewinnung des Bindemittels: Rotationsverdampfer;
Englische Fassung EN 12697-3:2013+A1:2018,
Englische Übersetzung von DIN EN 12697-3:2019-03

Mélanges bitumineux –
Méthodes d'essai –
Partie 3: Extraction des bitumes à l'évaporateur rotatif;
Version anglaise EN 12697-3:2013+A1:2018,
Traduction anglaise de DIN EN 12697-3:2019-03

Document comprises 15 pages

Translation by DIN-Sprachendienst.

In case of doubt, the German-language original shall be considered authoritative.

A comma is used as the decimal marker.

National foreword

This document (EN 12697-3:2013+A1:2018) has been prepared by Technical Committee CEN/TC 227 “Road materials” (Secretariat: BSI, United Kingdom).

The responsible German body involved in its preparation was *DIN-Normenausschuss Bauwesen* (DIN Standards Committee Building and Civil Engineering), Working Committee NA 005-10-10 AA “Bituminous mixtures (national mirror committee for CEN/TC 227/WG 1), Joint committee with FGSV”.

Amendments

This standard differs from DIN EN 12697-3:2013-08 as follows:

- a) the title has been amended so that the method is no longer exclusively valid for hot mix asphalt;
- b) the list of standards in the European foreword has been deleted and the list of significant changes has been adapted;
- c) NOTE in subclause 5.1: the paragraph stating that the hardening is usually approximately equivalent to the softening resulting from any solvent residue has been deleted;
- d) in subclause 5.3.6, the temperature range from 100 °C to 200 °C for thermometers has been replaced by the temperature range according to the solvent used and specified in Table 1;
- e) in subclause 7.1.2, it has been clarified that the 0,063 mm sieve is used for the removal of any insoluble material;
- f) the whole subclause 7.3 has been replaced with the following significant changes:
 - the order of the procedures in the previous version (subclauses 7.3.8 to 7.3.25) has been amended for clarity and is now described in subclauses 7.3.8 to 7.3.18;
 - the NOTES added to subclauses 7.3.9 and 7.3.11 include recommendations to not exceed 120 °C for T_2 for soft grade bitumen, designated and specified by kinematic viscosity at 60 °C regardless of the solvent used;
- g) in Clause 9, the reference to 7.1.15 has been changed to 7.3.13 following the changes in subclause 7.3;
- h) the standard has been editorially revised.

Previous editions

DIN EN 12697-3: 2001-04, 2005-04, 2013-08

English Version

Bituminous mixtures - Test methods - Part 3: Bitumen recovery: Rotary evaporator

Mélanges bitumineux - Méthodes d'essai - Partie 3:
Extraction des bitumes à l'évaporateur rotatif

Asphalt - Prüfverfahren - Teil 3: Rückgewinnung des
Bindemittels: Rotationsverdampfer

This European Standard was approved by CEN on 28 March 2013 and includes Amendment 1 approved by CEN on 9 November 2018.

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