

DIN EN 12697-35



ICS 93.080.20

Supersedes
DIN EN 12697-35:2007-10

**Bituminous mixtures –
Test methods –
Part 35: Laboratory mixing;
English version EN 12697-35:2016,
English translation of DIN EN 12697-35:2016-10**

Asphalt –
Prüfverfahren –
Teil 35: Labormischung;
Englische Fassung EN 12697-35:2016,
Englische Übersetzung von DIN EN 12697-35:2016-10

Mélanges bitumineux –
Méthodes d'essais –
Partie 35: Malaxage de laboratoire;
Version anglaise EN 12697-35:2016,
Traduction anglaise de DIN EN 12697-35:2016-10

Document comprises 26 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 12697-35:2016) has been prepared by Technical Committee CEN/TC 227 “Road materials” (Secretariat: DIN, Germany).

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 *Asphalt (SpA zu CEN/TC 227/WG 1) Gemeinschaftsausschuss mit FGSV*.

Amendments

This standard differs from DIN EN 12697-35:2007-10 as follows:

- a) the title has been changed to allow the inclusion of asphalt produced at lower temperatures;
- b) Annex A (normative) dealing with the manufacture of samples of asphalt using foamed bitumen has been added;
- c) Annex B (normative) dealing with the manufacture of samples of asphalt using bitumen emulsion has been added;
- d) Annex C (normative) dealing with the manufacture of samples from mastic asphalt has been added;
- e) a formula has been included for super-heating aggregate when significant proportions of reclaimed asphalt are used;
- f) the term “target mixing temperature” has been extended to “target laboratory mixing temperature” and used throughout the document;
- g) the term “reference compaction temperature” has been introduced;
- h) in Subclause 6.1, the determination of the reference compaction temperature, including an allowance to reduce it for asphalt mixtures designed to be produced at lower temperatures, has been extended;
- i) the term “pen” has been removed from the units in Table 1;
- j) the time to reach mixing temperature given in Subclause 6.2.4 has been changed;
- k) in Subclause 6.3, the abbreviation “RAP” has been changed to “reclaimed asphalt”;
- l) in Subclause 6.5.3, the option to defer adding the filler has been extended to allow addition of the fine aggregate as well or in its place;
- m) the addition of cold reclaimed asphalt to the mixer has been specified;
- n) the scope has been brought in line with Table 1.

Previous editions

DIN EN 12697-35: 2005-01, 2007-10

English Version

Bituminous mixtures - Test methods - Part 35: Laboratory mixing

Mélanges bitumineux - Méthodes d'essais - Partie 35:
Malaxage de laboratoire

Asphalt - Prüfverfahren - Teil 35: Labormischung

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