

DIN EN 12697-8



ICS 93.080.20

Supersedes
DIN EN 12697-8:2003-06

**Bituminous mixtures –
Test methods –
Part 8: Determination of void characteristics of bituminous specimens;
English version EN 12697-8:2018,
English translation of DIN EN 12697-8:2019-03**

Asphalt –
Prüfverfahren –
Teil 8: Bestimmung von volumetrischen Charakteristiken von Asphalt-Probekörpern;
Englische Fassung EN 12697-8:2018,
Englische Übersetzung von DIN EN 12697-8:2019-03

Matériaux enrobés –
Méthodes d'essai –
Partie 8: Détermination de la teneur en vides caractéristiques des matériaux bitumineux;
Version anglaise EN 12697-8:2018,
Traduction anglaise de DIN EN 12697-8:2019-03

Document comprises 11 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 12697-8:2018) 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 12697-8:2003-06 as follows:

- a) the title has been amended so that the method is no longer exclusively valid for hot mix asphalt;
- b) for reasons of clarity, “v/v” has been replaced by “by volume” and “m/m” has been replaced by “by mass”;
- c) indices in symbols have been amended for void content, density of the binder and proportion of the binder;
- d) the Scope has been rendered more precise to include that specimens can be taken from the pavement or laboratory compacted slabs either by coring or sawing;
- e) EN 12697-7 has been included in Clause 2 “Normative references” and subclause 4.3 “Precision”;
- f) the new terms and definitions of VMA_{ad} and VFB_{ad} have been included;
- g) mixtures containing water have been rendered more precise by indicating that the bulk density of the specimen refers to the dry bulk density;
- h) the units have been changed from kg/m^3 to Mg/m^3 ;
- i) Formula (2) including the related text has been deleted to be consistent with other parts. The following formulas have been renumbered accordingly;
- j) new subclauses 5.1.2 and 5.2.2 for mixtures with additives and their calculation have been included;
- k) the dimensions of the specimen to the nearest 0,1 mm (if measured) have been added to the test report.

Previous editions

DIN EN 12697-8: 2003-06

English Version

**Bituminous mixtures - Test methods - Part 8:
Determination of void characteristics of bituminous
specimens**

Matériaux enrobés - Méthodes d'essai - Partie 8:
Détermination de la teneur en vides caractéristiques
des matériaux bitumineux

Asphalt - Prüfverfahren - Teil 8: Bestimmung von
volumetrischen Charakteristiken von Asphalt-
Probekörpern

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This European Standard exists 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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