

DIN EN 12697-27



ICS 93.080.20

Supersedes
DIN EN 12697-27:2001-04

**Bituminous mixtures –
Test methods –
Part 27: Sampling;
English version EN 12697-27:2017,
English translation of DIN EN 12697-27:2017-08**

Asphalt –
Prüfverfahren –
Teil 27: Probenahme;
Englische Fassung EN 12697-27:2017,
Englische Übersetzung von DIN EN 12697-27:2017-08

Mélanges bitumineux –
Méthodes d'essai –
Partie 27: Prélèvements d'échantillonnage;
Version anglaise EN 12697-27:2017,
Traduction anglaise de DIN EN 12697-27:2017-08

Document comprises 20 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 12697-27:2017) 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 “Bituminous mixtures (national Mirror Committee to CEN/TC 227/WG 1), Joint Working Group with FGSV”.

Amendments

This standard differs from DIN EN 12697-27:2001-04 as follows:

- a) the title of the standards series has been changed so that the method is no longer confined to hot mix asphalt;
- b) the individual increment sizes have been reduced;
 - in 4.1.2 and 4.4.2 for material containing aggregate equal or smaller than 16 mm, from 3 kg to 2 kg;
 - in 4.1.2 and 4.4.2 for material containing aggregate larger than 16 mm, from 7 kg to 3 kg;
 - in 4.3.2 from 7 kg to 3 kg;
- c) in 4.1.1, an apparatus for a sampling tube has been included;
- d) 4.1.2.1 and 4.1.2.2 have been merged into Clause 4.1.2.1 (to enable the introduction of sampling tube in 4.1.2.2);
- e) in 4.1.2.1, a recommendation on the number of increments for mixtures with the aggregate size ≥ 32 mm has been included;
- f) in 4.1.2.2, a procedure for sampling with a sampling tube has been included;
- g) in 4.6.3.1, a new description for a representative sample drawing has been included;
- h) in 4.6.3.2, a definition of a sufficient quantity of the sample dependent on the size of the aggregate has been included;
- i) in 4.6.4.3, a definition of a sufficient quantity of the sample has been included;
- j) in 4.7.2, the sufficient diameter for a cored sample has been changed;
- k) 4.10 has been included, focussing on sampling from a material hopper or a paver;
- l) in Figure 1, a new type of sampling shovel has been included;
- m) in Figures 3 and 4, a new type of sampling tube has been included;
- n) in Figure 9, the example for sample drawing for collecting three bulk samples using a sampling tube has been included;
- o) where relevant, notes have been converted to normal text in accordance with CEN rules;
- p) notes regarding advantages and disadvantages for each method have been deleted.

Previous editions

DIN EN 12697-27: 2001-04

English Version

Bituminous mixtures - Test methods - Part 27: Sampling

Mélanges bitumineux - Méthodes d'essai - Partie 27:
Prélèvements d'échantillonnage

Asphalt - Prüfverfahren - Teil 27: Probenahme

This European Standard was approved by CEN on 10 April 2017.

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