

ICS 93.080.20

Supersedes  
DIN EN 12697-7:2015-05

**Bituminous mixtures –  
Test methods –  
Part 7: Determination of the bulk density of bituminous specimens by  
gamma rays;  
English version EN 12697-7:2022,  
English translation of DIN EN 12697-7:2022-04**

Asphalt –  
Prüfverfahren –  
Teil 7: Bestimmung der Raumdichte von Asphalt-Probekörpern mit Gammastrahlen;  
Englische Fassung EN 12697-7:2022,  
Englische Übersetzung von DIN EN 12697-7:2022-04

Mélanges bitumineux –  
Méthodes d'essai –  
Partie 7: Détermination de la masse volumique apparente des éprouvettes bitumineuses par  
les rayons gamma;  
Version anglaise EN 12697-7:2022,  
Traduction anglaise de DIN EN 12697-7:2022-04

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 12697-7:2022) 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 working group with FGSV”.

The DIN document corresponding to the document referred to in this document is as follows:

ISO 5725-2                      DIN ISO 5725-2\*

For current information on this document, please go to DIN’s website ([www.din.de](http://www.din.de)) and search for the document number in question.

## **Amendments**

This standard differs from DIN EN 12697-7:2015-05 as follows:

- a) the title no longer refers to hot mix asphalt;
- b) the standard has been editorially adapted to the current standard template;
- c) the Scope has been rendered more precise according to DIN 820-2:2020-03, 14.5;
- d) Clause 4: the exponential law including the formula have been deleted, a reference to Clause 8 has been added;
- e) subclause 5.1: Footnote 1 has been converted to a note, the existing note has been converted to regular text;
- f) Clause 6: Note 1: the period during which samples are considered dry has been changed to 4 hours in alignment with the other parts;
- g) Clause 6: Footnote 2 has been converted to Note 2, the existing note has been converted to Note 1;
- h) subclause 7.3.3: the formula for the consistency test has been deleted and replaced by a reference to Formula (1);
- i) Clause 8: the text has been editorially adjusted, formulas have been renumbered, and references to formulas have been added.

## **Previous editions**

DIN EN 12697-7: 2002-12, 2015-05

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\* Currently at draft stage.

## **National Annex NA** (informative)

### **Bibliography**

*DIN ISO 5725-2, Accuracy (trueness and precision) of measurement methods and results — Part 2: Basic method for the determination of repeatability and reproducibility of a standard measurement method*