

DIN EN 12697-22



ICS 93.080.20

Supersedes
DIN EN 12697-22:2007-10

**Bituminous mixtures –
Test methods –
Part 22: Wheel tracking;
English version EN 12697-22:2020,
English translation of DIN EN 12697-22:2020-05**

Asphalt –
Prüfverfahren –
Teil 22: Spurbildungstest;
Englische Fassung EN 12697-22:2020,
Englische Übersetzung von DIN EN 12697-22:2020-05

Mélanges bitumineux –
Méthodes d'essai –
Partie 22: Essai d'orniérage;
Version anglaise EN 12697-22:2020,
Traduction anglaise de DIN EN 12697-22:2020-05

Document comprises 33 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 12697-22:2020) 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”.

The DIN documents corresponding to the international documents referred to in this document are as follows:

ISO 48-2	DIN ISO 48-2
ISO 48-5	DIN ISO 48-5
ISO 5725	DIN ISO 5725

Amendments

This standard differs from DIN EN 12697-22:2007-10 as follows:

- a) the title of the standards series has been changed so that it is no longer confined to hot mix asphalt;
- b) [Clause 2] ISO 48, *Rubber, vulcanized or thermoplastic — Determination of hardness (hardness between 10 IRHD and 100 IRHD)*, has been replaced by: ISO 48-2, *Rubber, vulcanized or thermoplastic — Determination of hardness — Part 2: Hardness between 10 IRHD and 100 IRHD*; ISO 7619, *Rubber, vulcanized or thermoplastic — Determination of indentation hardness*, has been replaced by: ISO 48-5, *Rubber, vulcanized or thermoplastic — Determination of hardness — Part 5: Indentation hardness by IRHD pocket meter method*;
- c) [3.5] Table 1 has been deleted;
- d) [Clause 4] symbols for properties in the different methods have been made more consistent and corrected throughout the document. Table 2 has been replaced by the new Table 1;
- e) [Clause 6] moulds have been added to the list of equipment; modifications have been made for clarity;
- f) [6.3.1.2] ISO 7619 and ISO 48 have been replaced by: ISO 48-5 and 48-2;
- g) [7.1] a new clause has been added and the order of clauses has been changed;
- h) [7.2.1.1] vibratory compactor has been excluded as a method of sample preparation;
- i) [7.2.1.2] the thickness for mixtures with upper sieve size larger than 22 has been changed to 80 mm;
- j) [7.5.2.1] the text has been modified for clarity-plaster of Paris has been included as holding medium;
- k) [7.6] the storage time has been amended to a maximum of 42 days and a requirement has been added for storing samples on a flat surface;
- l) [8.1.7] subclause has been deleted;

- m) [9.2.1] Formula (2) has been corrected;
- n) [9.3.1.2] Formula (7) has been corrected;
- o) [9.3.2.2] the required rounding of WTS_{AIR} values has been specified;
- p) [9.3.3.2] the required rounding of WTS_W values has been specified;
- q) [10.1.2] the type of roller compactor is required to be reported;
- r) [11.4] precision data for small-size devices have been included and procedure B (air) has been added.

Previous editions

DIN EN 12697-22: 2004-04, 2007-10

National Annex NA
(informative)

Bibliography

DIN ISO 48-2, *Rubber, vulcanized or thermoplastic — Determination of hardness (hardness between 10 IRHD and 100 IRHD) — Part 2: Hardness between 10 IRHD and 100 IRHD*

DIN ISO 48-5, *Rubber, vulcanized or thermoplastic — Determination of hardness (hardness between 10 IRHD and 100 IRHD) — Part 5: Indentation hardness by IRHD pocket meter method*

DIN ISO 5725, *Accuracy (trueness and precision) of measurement methods and results*