

DIN EN 13589



ICS 91.100.50

Supersedes: see below

**Bitumen and bituminous binders –
Determination of the tensile properties of modified bitumen by the force
ductility method;
English version EN 13589:2018,
English translation of DIN EN 13589:2018-08**

Bitumen und bitumenhaltige Bindemittel –
Bestimmung der Streckeigenschaften von modifiziertem Bitumen mit dem
Kraft-Duktilitäts-Verfahren;
Englische Fassung EN 13589:2018,
Englische Übersetzung von DIN EN 13589:2018-08

Bitumes et liants bitumineux –
Détermination des caractéristiques de traction des bitumes modifiés par la méthode de force
ductilité;
Version anglaise EN 13589:2018,
Traduction anglaise de DIN EN 13589:2018-08

Supersedes DIN EN 13589:2008-06;
together with DIN EN 13587:2017-02, supersedes DIN EN 13703:2004-03;
supersedes DIN EN 13589 Corrigendum 1:2008-10

Document comprises 14 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 13589:2018) has been prepared by Technical Committee CEN/TC 336 “Bituminous binders” (Secretariat: AFNOR, France).

The responsible German bodies involved in its preparation were *DIN-Normenausschuss Materialprüfung* (DIN Standards Committee Materials Testing) and *DIN-Normenausschuss Bauwesen* (DIN Standards Committee Building and Civil Engineering), Joint Working Committee NA 062-03-32 GA “Bitumen; test methods and specifications of binders”.

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

ISO 5725-2:1994 DIN ISO 5725-2:2002-12

Amendments

This standard differs from DIN EN 13589:2008-06, DIN EN 13589 Corrigendum 1:2008-10 and DIN EN 13703:2004-03 as follows:

- a) terms and definitions in DIN EN 13587:2010-10 and DIN EN 13703:2004-03 have been merged and unified;
- b) deformation energy from DIN EN 13703:2004-03 has been incorporated in this document to simplify its application;
- c) the time frame of DIN EN 13589 has been combined with DIN EN 13587;
- d) the term “conventional energy” has been renamed “cohesion energy”;
- e) calculation and expression of results as well as precision have been incorporated (previously described in DIN EN 13703:2004-03);
- f) Annex A (normative) on the force ductility method has been included (previously described in DIN EN 13703:2004-03);
- g) documents DIN EN 13589:2008-06 and DIN EN 13703:2004-03 have been merged to simplify the application of the force ductility method.

Previous editions

DIN EN 13589: 2004-03, 2008-06
DIN EN 13589 Corrigendum 1: 2008-10
DIN EN 13703: 2004-03

National Annex NA (informative)

Bibliography

DIN ISO 5725-2:2002-12, *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 (ISO 5725-2:1994 including Technical Corrigendum 1:2002)*

English Version

Bitumen and bituminous binders - Determination of the tensile properties of modified bitumen by the force ductility method

Bitumes et liants bitumineux - Détermination des
caractéristiques de traction des bitumes modifiés par
la méthode de force ductilité

Bitumen und bitumenhaltige Bindemittel -
Bestimmung der Streckeigenschaften von
modifiziertem Bitumen mit dem Kraft-Duktilitäts-
Verfahren

This European Standard was approved by CEN on 22 July 2016.

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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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