

# SVENSK STANDARD

## SS-EN 12697-56:2019



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### **Vägmateriel – Asfaltmassa – Provningsmetoder – Del 56: Framställning av provkroppar genom statisk packning**

### **Bituminous mixtures – Test methods – Part 56: Specimen preparation by static compaction**

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The European Standard EN 12697-56:2019 has the status of a Swedish Standard. This document contains the official version of EN 12697-56:2019.

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EUROPEAN STANDARD

**EN 12697-56**

NORME EUROPÉENNE

EUROPÄISCHE NORM

September 2019

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ICS 93.080.20

English Version

## Bituminous mixtures - Test methods - Part 56: Specimen preparation by static compaction

Mélanges bitumineux - Méthodes d'essai - Partie 56 :  
Confection d'éprouvettes par compacteur statique

Asphalt - Prüfverfahren - Teil 56:  
Probekörperherstellung durch Statische Verdichtung

This European Standard was approved by CEN on 17 June 2019.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

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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EUROPEAN COMMITTEE FOR STANDARDIZATION  
COMITÉ EUROPÉEN DE NORMALISATION  
EUROPÄISCHES KOMITEE FÜR NORMUNG

**CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels**

**SS-EN 12697-56:2019 (E)**

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## **European foreword**

This document (EN 12697-56:2019) has been prepared by Technical Committee CEN/TC 227 “Road materials”, the secretariat of which is held by BSI.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by March 2020, and conflicting national standards shall be withdrawn at the latest by March 2020.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

A list of all parts in the EN 12697 series can be found on the CEN website.

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## SS-EN 12697-56:2019 (E)

### 1 Scope

This document specifies a method for compacting cylindrical specimens of bituminous mixtures, to be used for subsequent testing. A given mass of bituminous mixture is compacted in a cylindrical mould by applying static compression loads on the top and the bottom of the specimen.

### 2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 12697-27, *Bituminous mixtures - Test methods - Part 27: Sampling*

EN 12697-35, *Bituminous mixtures - Test methods - Part 35: Laboratory mixing*

EN 12697-54, *Bituminous mixtures - Test methods - Part 54: Curing of specimen for test of mixtures with bitumen emulsion*

### 3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- IEC Electropedia: available at <http://www.electropedia.org/>
- ISO Online browsing platform: available at <http://www.iso.org/obp>

#### 3.1 compaction stress

$\sigma_{\text{comp}}$

desired vertical stress applied on top and bottom of compaction plates, expressed in MPa

#### 3.2 compaction force

$F_{\text{comp}}$

desired vertical force applied on top and bottom of compaction plates to achieve the compaction stress  $\sigma_{\text{comp}}$ , expressed in kN

#### 3.3 compaction time

$t_{\text{comp}}$

timespan within the compaction stress is held constant

#### 3.4 specimen dimensions

dimensions of the specimen are defined by their diameter  $d$  and their height  $h$ , expressed in mm