## EUROPEAN STANDARD NORME EUROPÉENNE

### EN 13286-47

EUROPÄISCHE NORM

April 2012

ICS 93.080.20

Supersedes EN 13286-47:2004

#### **English Version**

# Unbound and hydraulically bound mixtures - Part 47: Test method for the determination of California bearing ratio, immediate bearing index and linear swelling

Mélanges traités et mélanges non traités aux liants hydrauliques - Partie 47: Méthode d'essai pour la détermination de l'indice portant Californien (CBR), de l'indice de portance immédiate (IPI) et du gonflement linéaire Ungebundene und hydraulisch gebundene Gemische - Teil 47: Prüfverfahren zur Bestimmung des CBR-Wertes (California bearing ratio), des direkten Tragindex (IBI) und des linearen Schwellwertes

This European Standard was approved by CEN on 9 March 2012.

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

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#### **Foreword**

This document (EN 13286-47:2012) has been prepared by Technical Committee CEN/TC 227 "Road materials", the secretariat of which is held by DIN.

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of an identical text or by endorsement, at the latest by October 2012, and conflicting national standards shall be withdrawn at the latest by October 2012.

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

This document supersedes EN 13286-47:2004.

The following changes have been made in comparison with EN 13286-47:2004:

- Editorial changes;
- Addition of the 2<sup>nd</sup> paragraph in Clause 6.

This European standard is one of a series of standards as listed below:

- EN 13286-1, Unbound and hydraulically bound mixtures Part 1: Test methods for laboratory reference density and water content — Introduction, general requirements and sampling;
- EN 13286-2, Unbound and hydraulically bound mixtures Part 2: Test methods for laboratory reference density and water content — Proctor compaction;
- EN 13286-3, Unbound and hydraulically bound mixtures Part 3: Test methods for laboratory reference density and water content — Vibrocompression with controlled parameters;
- EN 13286-4, Unbound and hydraulically bound mixtures Part 4: Test methods for laboratory reference density and water content — Vibrating hammer;
- EN 13286-5, Unbound and hydraulically bound mixtures Part 5: Test methods for laboratory reference density and water content — Vibrating table;
- EN 13286-7, Unbound and hydraulically bound mixtures Part 7: Cyclic load triaxial test for unbound mixtures;
- EN 13286-40, Unbound and hydraulically bound mixtures Part 40: Test method for the determination
  of the direct tensile strength of hydraulically bound mixtures;
- EN 13286-41, Unbound and hydraulically bound mixtures Part 41: Test method for the determination of the compressive strength of hydraulically bound mixtures;
- EN 13286-42, Unbound and hydraulically bound mixtures Part 42: Test method for the determination of the indirect tensile strength of hydraulically bound mixtures;
- EN 13286-43, Unbound and hydraulically bound mixtures Part 43: Test method for the determination of the modulus of elasticity of hydraulically bound mixtures;