

Concrete pavements - Part 2: Functional requirements for concrete pavements

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EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 13877-2:2004 sisaldab Euroopa standardi EN 13877-2:2004 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 23.11.2004 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 13877-2:2004 consists of the English text of the European standard EN 13877-2:2004.</p> <p>This document is endorsed on 23.11.2004 with the notification being published in the official publication of the Estonian national standardisation organisation.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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<p>Käsitlusala:</p> <p>This document specifies requirements for concrete pavements cast in-situ and compacted by vibration. It also covers concrete sub-bases as well as wearing courses on bridges. This document covers concrete pavements in motorways, airfields, pedestrian streets, cycle tracks, storage areas and, in general, all traffic-bearing structures.</p>	<p>Scope:</p> <p>This document specifies requirements for concrete pavements cast in-situ and compacted by vibration. It also covers concrete sub-bases as well as wearing courses on bridges. This document covers concrete pavements in motorways, airfields, pedestrian streets, cycle tracks, storage areas and, in general, all traffic-bearing structures.</p>
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Võtmesõnad:

English version

**Concrete pavements - Part 2: Functional requirements for
concrete pavements**

Chaussées en béton - Partie 2 : Exigences fonctionnelles
pour les chaussées en béton

Fahrbahnbefestigungen aus Beton - Teil 2: Funktionale
Anforderungen an Fahrbahnbefestigungen aus Beton

This European Standard was approved by CEN on 24 June 2004.

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 Central Secretariat 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 Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.



EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
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Foreword

This document (EN 13877-2:2004) 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 February 2005, and conflicting national standards shall be withdrawn at the latest by May 2006.

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

EN 13877-1, *Concrete pavements — Part 1: Materials.*

EN 13877-2, *Concrete pavements — Part 2: Functional requirements for concrete pavements.*

prEN 13877-3, *Concrete pavements — Part 3: Specifications for dowels to be used in concrete pavements.*

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard : Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

1 Scope

This document specifies requirements for concrete pavements cast in-situ and compacted by vibration.

It also covers concrete sub-bases as well as wearing courses on bridges.

This document covers concrete pavements in motorways, airfields, pedestrian streets, cycle tracks, storage areas and, in general, all traffic-bearing structures.

2 Normative references

The following referenced documents are indispensable for the application 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 206-1, *Concrete — Part 1: Specification, performance, production and conformity.*

EN 12350-1, *Testing fresh concrete — Part 1: Sampling.*

EN 12390-1, *Testing hardened concrete — Part 1: Shape, dimensions and other requirements for specimens and moulds.*

EN 12390-2, *Testing hardened concrete — Part 2: Making and curing specimens for strength tests.*

EN 12390-6, *Testing hardened concrete — Part 6: Tensile splitting strength of test specimens.*

EN 12390-7, *Testing hardened concrete — Part 7: Density of hardened concrete.*

EN 12390-8, *Testing hardened concrete — Part 8: Depth of penetration of water under pressure.*

prEN 12390-9, *Testing hardened concrete — Part 9: Freeze/thaw resistance — Scaling.*

EN 12504-1, *Testing concrete in structures — Part 1: Cored specimens — Testing, examining and testing in compression.*

EN 13863-1, *Concrete pavements — Part 1: Test method for the determination of the thickness of a concrete pavement by survey method.*

EN 13863-2, *Concrete pavements — Part 2: Test method for the determination of the bond between two layers.*

prEN 13863-3, *Concrete pavements — Part 3: Test methods for the determination of the thickness of a concrete pavement from cores.*

prEN 13863-4, *Concrete pavements — Part 4: Test methods for the determination of wear resistance of concrete pavements to studded tyres.*

prEN 13877-1, *Concrete pavements — Part 1: Materials.*