Concrete pavements - Test methods - Part 2: Determination of saturated density of cores

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EESTI STANDARDI EESSÕNA **NATIONAL FOREWORD**

Käesolev Eesti standard EVS-EN 13863-2:2004 sisaldab Euroopa standardi EN 13863-2:2003 ingliskeelset teksti. Käesolev dokument on jõustatud 28.01.2004 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes. Standard on kättesaadav Eesti standardiorganisatsioonist.	This Estonian standard EVS-EN 13863-2:2004 consists of the English text of the European standard EN 13863-2:2003. This document is endorsed on 28.01.2004 with the notification being published in the official publication of the Estonian national standardisation organisation. The standard is available from Estonian standardisation organisation.

Käsitlusala: This European Standard specifies a method for the determination of the tensile bond strength between two concrete layers. This method is carried out on cores cut from hardened concrete.	**Scope:** This European Standard specifies a method for the determination of the tensile bond strength between two concrete layers. This method is carried out on cores cut from hardened concrete.

ICS 93.080.20

Võtmesõnad:

EUROPEAN STANDARD

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English version

Concrete pavements - Part 2: Test method for the determination of the bond between two layers

Revêtements en béton - Méthodes d'essais - Partie 2: Détermination de la masse volumique d'une carotte à l'état saturé

Fahrbahnbefestigungen aus Beton - Teil 2: Prüfverfahren zur Bestimmung des Verbundes zwischen zwei Schichten

This European Standard was approved by CEN on 25 March 2003.

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

Management Centre: rue de Stassart, 36 B-1050 Brussels

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Foreword

This document (EN 13863-2:2003) 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of an identical text or by endorsement, at the latest by April 2004, and conflicting national standards shall be withdrawn at the latest by March 2005.

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

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 — Test methods for functional requirements - Part 3: Determination of the thickness of a concrete slab.*

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

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

1 Scope

This European Standard specifies a method for the determination of the tensile bond strength between two concrete layers. This method is carried out on cores cut from hardened concrete.

2 Normative references

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text, and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

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

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

EN ISO 7500-1, *Metallic materials — Verification of static uniaxial testing machines — Part 1 : Tensile/compression testing machines (ISO 7500-1:1999).*

3 Principle

The tensile strength of the bond between two layers is determined by pulling the specimen in a tensile strength testing machine until the ultimate tensile strength is reached.