

**Flexible sheets for waterproofing -
Waterproofing of concrete bridge decks
and other concrete surfaces trafficable
by vehicles - Specimen preparation**

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concrete bridge decks and other concrete surfaces
trafficable by vehicles - Specimen preparation

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 13375:2004 sisaldab Euroopa standardi EN 13375:2004 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 21.12.2004 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 13375:2004 consists of the English text of the European standard EN 13375:2004.</p> <p>This document is endorsed on 21.12.2004 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: This European Standard is one of a series of standards applicable to flexible sheets for waterproofing of concrete bridge decks and other concrete surfaces trafficable by vehicles.</p>	<p>Scope: This European Standard is one of a series of standards applicable to flexible sheets for waterproofing of concrete bridge decks and other concrete surfaces trafficable by vehicles.</p>
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ICS 91.100.50

Võtmesõnad:

ICS 91.100.50

English version

Flexible sheets for waterproofing - Waterproofing of concrete
bridge decks and other concrete surfaces trafficable by vehicles
- Specimen preparation

Feuilles souples d'étanchéité - Etanchéité des ponts en
béton et autres surfaces en béton circulaire par les
véhicules - Préparation des éprouvettes

Abdichtungsbahnen - Abdichtungssysteme auf Beton für
Brücken und andere Verkehrsflächen - Regeln für
Probenentnahme und Vorbereitung von Prüfkörpern

This European Standard was approved by CEN on 22 July 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.

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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 13375:2004) has been prepared by Technical Committee CEN /TC 254, "Flexible sheets for waterproofing" 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 2005, and conflicting national standards shall be withdrawn at the latest by June 2006.

This document includes a bibliography.

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.

Introduction

The purpose of this standard is to give rules for the preparation of specimens for performance related tests on waterproofing systems. The standard includes also specifications for the base specimen concrete and for the bituminous mixes for the asphalt layer in contact with the waterproofing sheet and used for the test.

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1 Scope

This European Standard is one of a series of standards applicable to flexible sheets for waterproofing of concrete bridge decks and other concrete surfaces trafficable by vehicles.

This document specifies:

- the composition, the characteristics and the preparation procedure of the base specimen concrete slabs;
- the composition, the characteristics and the preparation procedure of different bituminous mixtures for the asphalt layer;
- the rules for the preparation of specimens.

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 1766:2000, *Products and systems for the protection and repair of concrete structures – Test methods – Reference concretes for testing*

EN 12591, *Bitumen and bituminous binders – Specifications for paving grade bitumens*

EN 13596, *Flexible sheets for waterproofing – Waterproofing of concrete bridge decks and other concrete surfaces trafficable by vehicles – Determination of bond strength*

EN 13653, *Flexible sheets for waterproofing – Waterproofing of concrete bridge decks and other concrete surfaces trafficable by vehicles – Determination of shear strength*

prEN 14224, *Flexible sheets for waterproofing – Waterproofing of concrete bridge decks and other concrete surfaces trafficable by vehicles – Determination of crack bridging ability*

prEN 14692, *Flexible sheets for waterproofing – Waterproofing of concrete bridge decks and other concrete surfaces trafficable by vehicles – Determination of the resistance to compaction of an asphalt layer*

prEN 14693, *Flexible sheets for waterproofing – Waterproofing of concrete bridge decks and other concrete surfaces trafficable by vehicles – Determination of the behaviour of polymer bitumen sheets during application of mastic asphalt*

prEN 14695:2003, *Flexible sheets for waterproofing – Reinforced bitumen sheets for waterproofing of concrete bridge decks and other concrete surfaces trafficable by vehicles – Definitions and characteristics*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in prEN 14695:2003 and the following apply.

3.1

sample

roll of a flexible sheet from which a test piece is taken

3.2

test piece

part of the sample