

Influence of materials on water intended for human consumption - Influence due to migration - Part 2: Test method for nonmetallic and non-cementitious site-applied materials

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EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 12873-2:2005 sisaldab Euroopa standardi EN 12873-2:2005 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 30.03.2005 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 12873-2:2005 consists of the English text of the European standard EN 12873-2:2005.</p> <p>This document is endorsed on 30.03.2005 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 a procedure to determine the migration of substances from non-metallic and noncementitious site-applied materials for use in contact with water intended for human consumption.</p>	<p>Scope:</p> <p>This document specifies a procedure to determine the migration of substances from non-metallic and noncementitious site-applied materials for use in contact with water intended for human consumption.</p>
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ICS 13.060.20, 67.250

Võtmesõnad: articles, definition, definitions, fittings, influences, materials, metals, migration, pipes, potable water, service water, testing, tubes, water

ICS 13.060.20; 67.250

English version

Influence of materials on water intended for human consumption
- Influence due to migration - Part 2: Test method for non-
metallic and non-cementitious site-applied materials

Influence sur l'eau des matériaux destinés à entrer en
contact avec l'eau destinée à la consommation humaine -
Influence de la migration - Partie 2 : Méthode d'essai des
matériaux appliqués sur site excepté les matériaux
métalliques et ceux à base de ciment

Einfluss von Materialien auf Trinkwasser - Einfluss infolge
der Migration - Teil 2: Prüfverfahren für vor Ort
aufgebrachte nicht metallische und nicht zementgebundene
Materialien

This European Standard was approved by CEN on 3 January 2005.

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.



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Foreword

This document (EN 12873-2:2005) has been prepared by Technical Committee CEN/TC 164 "Water supply", the secretariat of which is held by AFNOR.

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 August 2005, and conflicting national standards shall be withdrawn at the latest by August 2005.

It has been drawn up with the objective to describe a test method to determine the migration of substances from non-metallic and non-cementitious materials for use in contact with water intended for human consumption.

This document will result in one of a series of standards on test methods which support the appropriate standards.

This document, part 2, is the second in a series of standards for dealing with the influence of migration from materials on water intended for human consumption, including:

- Part 1: Test method for non-metallic and non-cementitious factory made products;
- Part 2: Test method for non-metallic and non-cementitious site-applied materials;
- Part 3: Test method for ion exchange and absorbent resins;
- Part 4: Test method for water treatment membranes.

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

In respect of potential adverse effects on the quality of water intended for human consumption caused by the materials, it is called to mind that, while awaiting the adoption of verifiable European acceptance criteria, the relevant national regulations remain in force.

1 Scope

This document specifies a procedure to determine the migration of substances from non-metallic and non-cementitious site-applied materials for use in contact with water intended for human consumption.

It is applicable to site-applied materials intended to be used under various conditions for the transport and storage of water intended for human consumption, including raw water used for the production of water intended for human consumption. It covers the extraction by water of substances from these materials after their application on site.

The document is applicable to materials whose physical or chemical properties alter during or after on-site application, such as coatings, paints, and adhesives. In addition, some site-applied materials that do not change in such a manner, e.g. greases or lubricants, are also included.

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 ISO 7393-2, *Water quality — Determination of free chlorine and total chlorine — Part 2: Colorimetric method using N, N-diethyl-1,4-phenylenediamine, for routine control purposes. (ISO 7393-2:1985)*

3 Terms and definitions

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

3.1

test

technical operation that consists of the determination of one or more characteristics of a given product

3.2

test procedure

specified technical method for performing a test

3.3

test report

document that presents test results and other information relevant to a test

3.4

testing laboratory

laboratory that performs tests

3.5

material

manufactured items(s) for application on-site and subsequent contact with water intended for human consumption

3.6

product

material, in its finished form after application on site, that comes into contact with water intended for human consumption