

**Müürimörtide katsemeetodid. Osa 10: Kivistunud
mördi kuiva näivtiheduse määramine**

Methods of test for mortar for masonry - Part 10:
Determination of bulk density of hardened mortar

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN 1015-10:2005 sisaldab Euroopa standardi EN 1015-10:1999 ingliskeelset teksti.

Standard on kinnitatud Eesti Standardikeskuse 11.01.2000 käskkirjaga ja jõustub sellekohase teate avaldamisel EVS Teatajas.

Euroopa standardimisorganisatsioonide poolt rahvuslikele liikmetele Euroopa standardi teksti kättesaadavaks tegemise kuupäev on 18.08.1999.

Standard on kättesaadav Eesti standardiorganisatsioonist.

This Estonian standard EVS-EN 1015-10:2005 consists of the English text of the European standard EN 1015-10:1999.

This standard is ratified with the order of Estonian Centre for Standardisation dated 11.01.2000 and is endorsed with the notification published in the official bulletin of the Estonian national standardisation organisation.

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Võtmesõnad: katsed, määramine, mõrdid

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Kui Teil on küsimusi standardite autorikaitse kohta, palun võtke ühendust Eesti Standardikeskusega:
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English version

Methods of test for mortar for masonry

Part 10: Determination of dry bulk density of hardened mortar

Méthodes d'essai des mortiers pour
maçonnerie – Partie 10: Détermi-
nation de la masse volumique
apparente sèche du mortier durci

Prüfverfahren für Mörtel für
Mauerwerk – Teil 10: Bestimmung der
Trockenrohdichte von Festmörtel

This European Standard was approved by CEN on 1999-07-08.

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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.

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CEN

European Committee for Standardization
Comité Européen de Normalisation
Europäisches Komitee für Normung

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Foreword

This European Standard has been prepared by Technical Committee CEN/TC 125 "Masonry", 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of an identical text or by endorsement, at the latest by February 2000, and conflicting national standards shall be withdrawn at the latest by December 2001.

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, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

1 Scope

This European Standard specifies a method for determining the dry bulk density of hardened mortars. It is applicable to lightweight and general purpose and thin layer mortars using specimens of regular shape.

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.

prEN 998-1	Specification for mortar for masonry - Part 1 : Rendering and plastering mortar with inorganic binding agents
prEN 998-2	Specification for mortar for masonry - Part 2 : Masonry mortar
EN 1015-2	Methods of test for mortar for masonry - Part 2 : Bulk sampling of mortars and preparation of test mortars
EN 1015-3	Methods of test for mortar for masonry - Part 3 : Determination of consistence of fresh mortar (by flow table)
EN 1015-11	Methods of test for mortar for masonry- Part 11 : Determination of flexural and compressive strength of hardened mortar

3 Principle

The dry bulk density of a given specimen of hardened mortar is determined as the quotient of its mass in oven dried condition, and the volume which it occupies when submerged in water in a saturated condition.

4 Symbols

$m_{s,dry}$	is the oven dry mass of specimen of hardened mortar, in kilograms (kg)
$m_{s,sat}$	is the mass of saturated specimen of hardened mortar, in kilograms (kg)
$m_{s,i}$	is the apparent mass of saturated specimen of hardened mortar immersed in water, in kilograms (kg)
ρ_w	is the density of water in kilograms per cubic metre (kg/m ³)
V_s	is the volume of specimen of hardened mortar, in cubic metres (m ³)