

**Müürikivide katsemeetodid. Osa 3: Savitelliste
tühikute netomahu ja protsendi määramine vees
kaalumiseega**

Methods of test for masonry units - Part 3:
Determination of net volume and percentage of voids of
clay masonry units by hydrostatic weighing

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN 772-3:2005 sisaldab Euroopa standardi EN 772-3:1998 ingliskeelset teksti.

Standard on kinnitatud Eesti Standardikeskuse 23.11.1999 käskkirjaga ja jõustub sellekohase teate avaldamisel EVS Teatajas.

Euroopa standardimisorganisatsioonide poolt rahvuslikele liikmetele Euroopa standardi teksti kättesaadavaks tegemise kuupäev on 19.08.1998.

Standard on kättesaadav Eesti standardiorganisatsioonist.

This Estonian standard EVS-EN 772-3:2005 consists of the English text of the European standard EN 772-3:1998.

This standard is ratified with the order of Estonian Centre for Standardisation dated 23.11.1999 and is endorsed with the notification published in the official bulletin of the Estonian national standardisation organisation.

Date of Availability of the European standard text 19.08.1998.

The standard is available from Estonian standardisation organisation.

ICS 91.100.15

Võtmesõnad: ehitamine, kaalumine, maht, määramine, müüritistükid, savi, teimid, tühikud, tühikute protsent

Standardite reprodutseerimis- ja levitamiseõigus kuulub Eesti Standardikeskusele

Andmete paljundamine, taastekitamine, kopeerimine, salvestamine elektroonilisse süsteemi või edastamine ükskõik millises vormis või millisel teel on keelatud ilma Eesti Standardikeskuse poolt antud kirjaliku loata.

Kui Teil on küsimusi standardite autorikaitse kohta, palun võtke ühendust Eesti Standardikeskusega:
Aru 10 Tallinn 10317 Eesti; www.evs.ee; Telefon: 605 5050; E-post: info@evs.ee

ICS 91.100.20

Descriptors: Masonry units, clay, net volume, voids content, testing.

English version

Methods of test for masonry units

Part 3: Determination of net volume and percentage of voids of clay masonry units by hydrostatic weighing

Méthodes d'essai des éléments de maçonnerie – Partie 3: Détermination du volume net et du pourcentage des vides des éléments de maçonnerie en terre cuite par pesée hydrostatique

Prüfverfahren für Mauersteine – Teil 3: Bestimmung des Nettovolumens und des prozentualen Lochanteils von Mauerziegeln mittels hydrostatischer Wägung (Unterwasserwägung)

This European Standard was approved by CEN on 1998-07-02.

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.

The European Standards exist 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, the Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, the Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, and the United Kingdom.

CEN

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

Central Secretariat: rue de Stassart 36, B-1050 Brussels

Contents		Page
Foreword		3
1	Scope	3
2	Normative references	3
3	Principle	3
4	Symbols	3
5	Apparatus	4
6	Sampling	4
7	Procedure	4
8	Expression of results	4
9	Test report	5

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 1999, and conflicting national standards shall be withdrawn at the latest by September 2000.

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 of determining the net volume and percentage of voids in clay masonry units (including frogs and cells).

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.

pr EN 771-1 Specification for masonry units - Part 1: Clay masonry units
pr EN 772-16 Methods of test for masonry units - Part 16: Determination of dimensions

3 Principle

The principle of this test is to obtain the net volume of the masonry unit by weighing in air and weighing in water and to subtract this from the gross volume, obtained by measurement of its dimensions, to obtain the volume of voids.

4 Symbols

M_{wu} is the apparent mass of the specimen in water, (g)

M_{au} is the mass of the specimen in air, (g)

l_u is the length of the specimen, (mm)

w_u is the width of the specimen, (mm)

h_u is the height of the specimen, (mm)

V_{gu} is the gross volume of the specimen, (mm³)