

**Grout for tiles – Requirements, evaluation of conformity,
classification and designation**

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EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN 13888:2009 sisaldab Euroopa standardi EN 13888:2009 ingliskeelset teksti.

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English Version

Grout for tiles - Requirements, evaluation of conformity,
classification and designation

Mortiers de jointoiement pour carreaux et dalles
céramiques - Exigences, évaluation de conformité,
classification et désignation

Fugenmörtel für Fliesen und Platten - Anforderungen,
Konformitätsbewertung, Klassifikation und Bezeichnung

This European Standard was approved by CEN on 17 April 2009.

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 CEN Management Centre 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 CEN Management Centre has the same status as the official versions.

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Foreword

This document (EN 13888:2009) has been prepared by Technical Committee CEN/TC 67 “Ceramic tiles”, the secretariat of which is held by UNI.

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of an identical text or by endorsement, at the latest by November 2009, and conflicting national standards shall be withdrawn at the latest by November 2009.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN 13888:2002

The main changes from the 2002 version are:

- the change in the requirements for flexural strength for cementitious grouts;
- the modification of Table 4 “Production Control Frequency”;
- the modification of Table 5 “Classification and designation”.

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

Introduction

The characteristics of the construction products defined in this European Standard have to consider that the normal stresses due to the works for which they are intended, assembled or installed, can be properly accommodated. Some special characteristics will take into account the type of substrate and that the grouts should resist the degrading actions of climate, environment, etc.

Many properties of grouts for tiles are mainly determined by the type of binders used.

Tile grouts are defined in different types depending on the chemical nature of their binders.

The different types have specific characteristics in terms of application properties and final performance.

The relationship between characteristics and the working conditions (dry or humid conditions, hot climate, fast setting, etc.) is not given in this standard.

The manufacturer gives information about the use of the product and the correct conditions of use.

The specifier evaluates the state of the job site (mechanical, thermal and chemical influences) and chooses the appropriate product considering all the possible risks.

1 Scope

This European Standard is applicable to ceramic tile grouts for internal and external tile installations on walls and floors.

This standard gives the terminology concerning the products, working methods, application properties, etc., for ceramic tile grouts.

This European Standard specifies the performance requirements for cementitious and reaction resin grouts for ceramic tiles.

This European Standard does not contain criteria or recommendations for the design and installation of ceramic tiles.

NOTE Ceramic tile grouts can also be used for other types of tiles (natural and agglomerated stones, etc.), where these do not adversely affect these materials.

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 12808 (all parts), *Grouts for tiles*

3 Terms and definitions

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

3.1 General

3.1.1

wall and floor tiles

tiles made out of ceramic or natural and agglomerated stones

3.1.2

grouting a tile surface

process of filling the joints between all types of tiles, with the exception of movement joints

3.2 Products

3.2.1

ceramic tile grout

any suitable product to be used to fill the joints between all types of ceramic tiles

3.2.2

cementitious grout

(CG)

mixture of hydraulic binding agents, aggregates, inorganic and organic additives

NOTE The grout has only to be mixed with water or liquid admix just before use.