

## Grouts for tiles - Part 4: Determination of shrinkage

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## EESTI STANDARDI EESSÕNA

## NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN 12808-4:2009 sisaldab Euroopa standardi EN 12808-4:2009 ingliskeelset teksti.

Standard on kinnitatud Eesti Standardikeskuse 31.08.2009 käskkirjaga ja jõustub sellekohase teate avaldamisel EVS Teatajas.

Euroopa standardimisorganisatsioonide poolt rahvuslikele liikmetele Euroopa standardi teksti kättesaadavaks tegemise kuupäev on 01.07.2009.

Standard on kättesaadav Eesti standardiorganisatsioonist.

This Estonian standard EVS-EN 12808-4:2009 consists of the English text of the European standard EN 12808-4:2009.

This standard is ratified with the order of Estonian Centre for Standardisation dated 31.08.2009 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 01.07.2009.

The standard is available from Estonian standardisation organisation.

ICS 83.180, 91.100.10

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English Version

## Grouts for tiles - Part 4: Determination of shrinkage

Mortiers de joints pour carrelages - Partie 4: Détermination  
du retrait

Klebstoffe und Fugenmörtel für Fliesen und Platten - Teil 4:  
Bestimmung der Schwindung

This European Standard was approved by CEN on 21 May 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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**Contents**

Page

Foreword.....	3
1 Scope .....	4
2 Normative references .....	4
3 Sampling.....	4
4 Test conditions .....	4
5 Test materials.....	4
6 Apparatus .....	4
7 Procedure .....	5
7.1 Mixing of grouts.....	5
7.2 Preparation of test specimens .....	5
7.3 Test procedure .....	6
8 Evaluation of results .....	6
9 Test report .....	6
Bibliography .....	11

## Foreword

This document (EN 12808-4:2009) 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 January 2010, and conflicting national standards shall be withdrawn at the latest by January 2010.

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 12808-4:2001.

This document is one of a series of European Standards for ceramic tile adhesives including:

EN 1308, *Adhesives for tiles — Determination of slip*

EN 1323, *Adhesives for tiles — Concrete slabs for tests*

EN 1324, *Adhesives for tiles — Determination of shear adhesion strength of dispersion adhesives*

EN 1346, *Adhesives for tiles — Determination of open time*

EN 1347, *Adhesives for tiles — Determination of wetting capability*

EN 1348, *Adhesives for tiles — Determination of tensile adhesion strength for cementitious adhesives*

EN 12002, *Adhesives for tiles — Determination of transverse deformation for cementitious adhesives and grouts*

EN 12003, *Adhesive for tiles — Determination of shear adhesion strength of reaction resin adhesives*

EN 12004, *Adhesives for tiles — Requirements, evaluation of conformity, classification and designation*

EN 12808-1, *Grouts for tiles — Part 1: Determination of chemical resistance of reaction resin mortars*

EN 12808-2, *Grouts for tiles — Part 2: Determination of resistance to abrasion*

EN 12808-3, *Grouts for tiles — Part 3: Determination of flexural and compressive strength*

EN 12808-4, *Grouts for tiles — Part 4: Determination of shrinkage*

EN 12808-5, *Grouts for tiles — Part 5: Determination of water absorption*

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.

## 1 Scope

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

This European Standard specifies the test method to be used to determine the shrinkage of ceramic tile grouts.

This European Standard does not contain performance requirements 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 the stones.

## 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 196-1, *Methods of testing cement — Part 1: Determination of strength*

EN 1067, *Adhesives — Examination and preparation of samples for testing*

EN ISO 15605, *Adhesives — Sampling (ISO 15605:2000)*