

## **Adhesives and grouts for tiles - Part 1: Determination of chemical resistance of reaction resin mortars**

Adhesives and grouts for tiles - Part 1:  
Determination of chemical resistance of reaction  
resin mortars

## EESTI STANDARDI EESSÕNA

## NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 12808-1:2001 sisaldab Euroopa standardi EN 12808-1:1999 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 18.06.2001 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 12808-1:2001 consists of the English text of the European standard EN 12808-1:1999.</p> <p>This document is endorsed on 18.06.2001 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><b>Käsitlusala:</b></p> <p>This European Standard specifies the test method to be used to determine the chemical resistance of ceramic tile adhesives and grouts under anticipated service conditions. This standard applies to reaction resin ceramic tile grouts and adhesives for internal and external ceramic tile installations on walls and floors.</p>	<p><b>Scope:</b></p> <p>This European Standard specifies the test method to be used to determine the chemical resistance of ceramic tile adhesives and grouts under anticipated service conditions. This standard applies to reaction resin ceramic tile grouts and adhesives for internal and external ceramic tile installations on walls and floors.</p>
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**ICS** 83.180, 91.100.10

**Võtmesõnad:**

**English version**

**Adhesives and grouts for tiles**

**Part 1: Determination of chemical resistance of reaction resin mortars**

Mortiers de joints et colles à carrelage – Partie 1: Détermination de la résistance chimique des mortiers à base de résines réactives

Klebstoffe und Fugenmörtel für Fliesen und Platten – Teil 1: Bestimmung der Chemikalienbeständigkeit von Reaktionsharzmörteln

This European Standard was approved by CEN on 1999-03-16.

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**

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## Foreword

This European Standard 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 October 1999, and conflicting national standards shall be withdrawn at the latest by October 1999.

This Standard is one of the series of draft standards for ceramic tile adhesives including:

EN 1308	Adhesives for tiles - Determination of slip
EN 1323	Adhesives for tiles - Concrete slab for test
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	Adhesives for tiles - Determination of shear adhesion strength of reaction resin adhesives
prEN 12004	Adhesives for tiles - Definition and specifications

This document does not supersede any existing European Standard.

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 the test method to be used to determine the chemical resistance of ceramic tile adhesives and grouts under anticipated service conditions.

This standard applies to reaction resin ceramic tile grouts and adhesives for internal and external ceramic tile installations on walls and floors.

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

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

This standard can involve hazardous materials and operations. Persons using this standard shall be familiar with normal laboratory practice. This standard does not purport to address all the safety problems, if any, associated with its use. It is the responsibility of the user to establish appropriate safety and health practices and to ensure compliance with any European and national regulatory conditions.

## 2 Normative References

This draft 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.

EN 1066                      Adhesives - Sampling

EN 1067                      Adhesives - Examination and preparation of samples for testing

## 3 Sampling

Take a test sample of at least 2 kg of the adhesive or grout in accordance with EN 1066 and EN 1067.

## 4 Test conditions

Standard conditions shall be  $(23 \pm 2)^{\circ}\text{C}$  and  $(50 \pm 5)\%$  relative humidity and a circulation of air in the testing area less than 0,2 m/s.

## 5 Test materials

Condition all test materials other than the adhesive to be tested for at least 24 h under standard conditions. The adhesive to be tested shall be within its shelf life, where this is specified.