

# SVENSK STANDARD

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### **Fogmassor för keramiska plattor – Del 2: Bestämning av beständighet mot nötning**

### **Grouts for tiles – Part 2: Determination of resistance to abrasion**



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Genom att följa gällande standard både effektiviserar och säkrar du ditt arbete. Många standarder ingår dessutom ofta i paket.

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Europastandarden EN 12808-2:2008 gäller som svensk standard. Detta dokument innehåller den officiella engelska versionen av EN 12808-2:2008.

Denna standard ersätter SS-EN 12808-2, utgåva 1.

The European Standard EN 12808-2:2008 has the status of a Swedish Standard. This document contains the official English version of EN 12808-2:2008.

This standard supersedes the Swedish Standard SS-EN 12808-2, edition 1.

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN 12808-2**

October 2008

ICS 91.100.10

Supersedes EN 12808-2:2001

English Version

## Grouts for tiles - Part 2: Determination of resistance to abrasion

Mortiers de joints pour carrelages - Partie 2: Détermination  
de la résistance à l'abrasion

Mörtel und Klebstoffe für Fliesen und Platten - Teil 2:  
Bestimmung der Abriebfestigkeit

This European Standard was approved by CEN on 29 August 2008.

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.

CEN members are the national standards bodies of 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 United Kingdom.



EUROPEAN COMMITTEE FOR STANDARDIZATION  
COMITÉ EUROPÉEN DE NORMALISATION  
EUROPÄISCHES KOMITEE FÜR NORMUNG

Management Centre: rue de Stassart, 36 B-1050 Brussels

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## Foreword

This document (EN 12808-2:2008) 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 April 2009, and conflicting national standards shall be withdrawn at the latest by April 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 12808-2:2001.

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.

**SS-EN 12808-2:2008 (E)****1 Scope**

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

This European Standard specifies the test method to be used to determine the abrasion resistance 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 may 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 196-1:2005, *Methods of testing cement – Part 1: Determination of strength*

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

EN ISO 10545-6, *Ceramic tiles – Part 6: Determination of resistance to deep abrasion for unglazed tiles (ISO 10545-6:1995)*

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

**3 Sampling**

Take a sample of at least 2 kg of the product to be tested in accordance with EN ISO 15605 and EN 1067.

**4 Test conditions**

Standard conditions shall be  $(23 \pm 2)$  °C and  $(50 \pm 5)$  % R.H. and a speed of air in the working area less than 0,2 m/s.

**5 Test materials**

Condition all test materials for at least 24 h under standard conditions.

**6 Apparatus**

**6.1** Abrasion apparatus consisting essentially of a rotating disk, a storage hopper, a test specimen support and a counterweight in accordance with EN ISO 10545-6 (see Figure 1).

**6.2** Abrasive material white fused aluminium oxide of grain size 80 (see EN ISO 10545-6).