



**SLOVENSKI STANDARD**  
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Grouts for tiles - Part 5: Determination of water absorption

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Mörtel und Klebstoffe für Fliesen und Platten — Teil 5: Bestimmung der Wasseraufnahme

Mortiers de joints pour carrelage - Partie 5: Détermination de l'absorption d'eau

**Ta slovenski standard je istoveten z: prEN 12808-5**

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Will supersede EN 12808-5:2001

English Version

## Grouts for tiles - Part 5: Determination of water absorption

Mortiers de joints pour carrelage - Partie 5: Détermination  
de l'absorption d'eau

This draft European Standard is submitted to CEN members for unique acceptance procedure. It has been drawn up by the Technical Committee CEN/TC 67.

If this draft becomes a European Standard, 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.

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EUROPEAN COMMITTEE FOR STANDARDIZATION  
COMITÉ EUROPÉEN DE NORMALISATION  
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## Foreword

This document (prEN 12808-5:2008) has been prepared by Technical Committee CEN/TC 67 “Ceramic tiles”, the secretariat of which is held by UNI.

This document is currently submitted to the Unique Acceptance Procedure.

This document will supersede EN 12808-5:2001.

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

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 12808-5, *Grouts for tiles – Part 5: Water absorption*

## 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 water absorption coefficient due to capillary action when the grout surface contacts the water without any additional pressure. The coefficient is measured by means of prisms.

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, *Method 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)*

## 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  $(23 \pm 2)^\circ\text{C}$  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** Three gang mould with ground surfaces, made of steel, used for the preparation of 40 mm x 40 mm x 160 mm prisms, in accordance with clause 4.5 of EN 196-1:2005.

**6.2** Jolting apparatus or jolting table used for the compaction of 40 mm x 40 mm x 160 mm grout specimen, in accordance with clause 4.6 of EN 196-1:2005.

**6.3** Tray with a flat base, large enough to contain three test specimens.