

Adhesives for tiles — Determination of transverse deformation for cementitious adhesives and grouts

ICS 83.180; 91.100.10

National foreword

This British Standard is the UK implementation of EN 12002:2008. It supersedes BS EN 12002:2002 which is withdrawn.

Although the test described in this standard has been approved for publication, there is little or no guidance available at present to relate test results to performance in service, and so it is unclear how such test values could inform the process of selecting adhesives and grouts for a particular application. There is also a danger that specifiers might mistakenly assume deformability, as measured by the test described in this standard, to be synonymous with flexibility, leading to erroneous assumptions about the performance of materials in service. Care should therefore be taken in specifying transverse deformation test requirements for a particular application, unless expert guidance is available. This caution also extends to the use of the terms “deformable” and “highly deformable” to indicate categories of transverse deformation as listed in the product standard BS EN 12004:2007, in Tables 1 and 5 and Clause 6.

The UK participation in its preparation was entrusted to Technical Committee B/539, Ceramic tiles and other rigid tiling.

A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

Compliance with a British Standard cannot confer immunity from legal obligations.

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English Version

**Adhesives for tiles - Determination of transverse deformation for
cementitious adhesives and grouts**

Colles à carrelage - Détermination de la déformation
transversale d'un mortier-colle ou d'un mortier de joint pour
carrelages

Mörtel und Klebstoffe für Fliesen und Platten - Bestimmung
der Verformung zementhaltiger Mörtel und Fugenmörtel

This European Standard was approved by CEN on 22 August 2008.

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Foreword

This document (EN 12002 rev: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 12002:2002.

This document is one of a series of European Standards for tests on 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, *Adhesives 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*

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