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IRISH STANDARD

I.S. EN 1346:2007

ICS 83.180
91.100.10

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ADHESIVES FOR TILES - DETERMINATION OF OPEN TIME

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EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 1346

August 2007

ICS 83.180; 91.100.10

Supersedes EN 1346:1996

English Version

Adhesives for tiles - Determination of open time

Colles à carrelage - Détermination du temps ouvert

Mörtel und Klebstoffe für Fliesen und Platten - Bestimmung der offenen Zeit

This European Standard was approved by CEN on 21 January 2007.

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Foreword

This document (EN 1346:2007) 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of an identical text or by endorsement, at the latest by February 2008, and conflicting national standards shall be withdrawn at the latest by February 2008.

This document supersedes EN 1346:1996.

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 United Kingdom.

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1 Scope

This European Standard specifies the test method for the determination of the open time of ceramic tile adhesives.

This European Standard is applicable to all ceramic tile adhesives for internal or external tile installations on walls and floors.

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

NOTE Ceramic tile adhesives can also be used for other types of tiles (natural and agglomerated stones etc.), if they 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 1323, *Adhesives for tiles — Concrete slabs for tests*

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

EN 14411, *Ceramic tiles — Definitions, classification, characteristics and marking*

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

3 Sampling

Take a 2 kg sample of the adhesive in accordance with EN ISO 15605 and EN 1067.

4 Test conditions

Standard conditions shall be (23 ± 2) °C and (50 ± 5) % relative humidity and the air speed in the testing area less than 0,2 m/s.

5 Test materials

5.1 General

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

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