



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN ISO 10545-10:1998

ICS 91.100.25

**CERAMIC TILES - PART 10:
DETERMINATION OF MOISTURE
EXPANSION (ISO 10545-10:1995)**

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Údarás um Chaighdeáin Náisiúnta na hÉireann

DECLARATION

OF

SPECIFICATION

ENTITLED

CERAMIC TILES - PART 10: DETERMINATION OF MOISTURE EXPANSION
(ISO 10545-10:1995)

AS

THE IRISH STANDARD SPECIFICATION FOR

CERAMIC TILES - PART 10: DETERMINATION OF MOISTURE EXPANSION
(ISO 10545-10:1995)

NSAI in exercise of the power conferred by section 16 (5) of the National Standards Authority of Ireland Act, 1996 (No. 28 of 1996) and with the consent of the Minister for Enterprise, Trade and Employment, hereby declares as follows:

1. This instrument may be cited as the Standard Specification (Ceramic tiles - Part 10: Determination of moisture expansion (ISO 10545-10:1995)) Declaration, 1998.
2. (1) The Specification set forth in the Schedule to this declaration is hereby declared to be the standard specification for Ceramic tiles - Part 10: Determination of moisture expansion (ISO 10545-10:1995). Schedule comprises the text of EN-ISO 10545-10:1997.

(2) The said standard specification may be cited as Irish Standard EN ISO 10545-10:1998 or as I.S. EN ISO 10545-10:1998.
3. (1) The Standard Specification (Ceramic Tiles – Determination of Moisture Expansion Using Boiling Water – Unglazed Tiles) Declaration, 1992 is hereby revoked.

(2) Reference in any other standard specification to the Instrument hereby revoked and to Irish Standard/EN 155:1992 thereby prescribed, shall be construed, respectively, as references to this Instrument and to Irish Standard/EN ISO 10545-10:1998.

EUROPEAN STANDARD

EN ISO 10545-10

NORME EUROPÉENNE

EUROPÄISCHE NORM

July 1997

ICS 91.100.20

Supersedes EN 155:1991

Descriptors: see ISO document

English version

**Ceramic tiles - Part 10: Determination of moisture
expansion (ISO 10545-10:1995)**

Carreaux et dalles céramiques - Partie 10:
Détermination de la dilatation à l'humidité
(ISO 10545-10:1995)

Keramische Fliesen und Platten - Teil 10:
Bestimmung der Feuchtigkeitsdehnung
(ISO 10545-10:1995)

This European Standard was approved by CEN on 1997-05-01. 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, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

CEN

European Committee for Standardization
Comité Européen de Normalisation
Europäisches Komitee für Normung

Central Secretariat: rue de Stassart, 36 B-1050 Brussels

Foreword

The text of the International Standard from Technical Committee ISO/TC 189 "Ceramic tiles" of the International Organization for Standardization (ISO) has been taken over as an European Standard by Technical Committee CEN/TC 67 "Ceramic tiles", the secretariat of which is held by UNI.

This European Standard supersedes EN 155:1991.

EN ISO 10545 consists of the following parts, under the common title, "Ceramic tiles":

- Part 1: Sampling and basis for acceptance
- Part 2: Determination of dimensions and surface quality
- Part 3: Determination of water absorption, apparent porosity, apparent relative density and bulk density
- Part 4: Determination of modulus of rupture and breaking strength
- Part 5: Determination of impact resistance by measurement of coefficient of restitution
- Part 6: Determination of resistance to deep abrasion for unglazed tiles
- Part 7: Determination of resistance to surface abrasion for glazed tiles
- Part 8: Determination of linear thermal expansion
- Part 9: Determination of resistance to thermal shock
- Part 10: Determination of moisture expansion
- Part 11: Determination of crazing resistance for glazed tiles
- Part 12: Determination of frost resistance
- Part 13: Determination of chemical resistance
- Part 14: Determination of resistance to stains
- Part 15: Extraction of lead and cadmium from glazed tiles
- Part 16: Determination of colour differences
- Part 17: Determination of coefficient of friction

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 January 1998, and conflicting national standards shall be withdrawn at the latest by January 1998.

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.

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