



**National Standards Authority of Ireland**

IRISH STANDARD

**I.S. EN 12104:2000**

ICS 79.100  
97.150

National Standards  
Authority of Ireland  
Dublin 9  
Ireland

Tel: (01) 807 3800  
Tel: (01) 807 3838

**RESILIENT FLOOR COVERINGS – CORK  
FLOOR TILES – SPECIFICATION**

*This Irish Standard was  
published under the  
authority of the National  
Standards Authority of  
Ireland  
and comes into effect on:  
August 25, 2000*

**NO COPYING WITHOUT NSAI  
PERMISSION EXCEPT AS  
PERMITTED BY COPYRIGHT  
LAW**

© NSAI 2000

**Price Code E**

Údarás um Chaighdeáin Náisiúnta na hÉireann



EUROPEAN STANDARD

**EN 12104**

NORME EUROPÉENNE

EUROPÄISCHE NORM

May 2000

---

ICS 79.100; 97.150

English version

## Resilient floor coverings - Cork floor tiles - Specification

Revêtements de sol résilients - Dalles en aggloméré de liège - Spécification

Elastische Bodenbeläge - Preßkorkplatten - Spezifikation

This European Standard was approved by CEN on 25 February 2000.

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.

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 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.



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

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

---

## **Foreword**

This European Standard has been prepared by Technical Committee CEN/TC 134 "Resilient and textile floor coverings", the secretariat of which is held by BSI.

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of an identical text or by endorsement, at the latest by November 2000, and conflicting national standards shall be withdrawn at the latest by November 2000.

This European Standard has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association. This European Standard is considered to be a supporting standard to those application and product standards which in themselves support an essential safety requirement of a New Approach Directive and which make reference to this European Standard.

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.

This European Standard includes three informative annexes:

Annex A: Optional properties

Annex B: Supplementary information

Annex C: Bibliography

## 1 Scope

This European Standard specifies the requirements for cork floor coverings made from agglomerated composition cork supplied in tile form which are designed to be used with a factory finish and/or an insitu finish.

Cork floor coverings can be covered with other complementary layers of decorative materials, e.g. decorative cork or wood veneers, with or without applied colours.

This European Standard includes a classification system based on intensity of use which shows where cork floor tiles should give satisfactory service (see EN 685). It also specifies requirements for marking, labelling and packing.

## 2 Normative references

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references subsequent amendments to, or revisions of, any of this publication apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

EN 424, *Resilient floor coverings - Determination of the effect of the simulated movement of a furniture leg*

EN 425, *Resilient floor coverings - Determination of the effect of a castor chair*

EN 427, *Resilient floor coverings - Determination of the side length and the squareness and straightness of tiles*

EN 428, *Resilient floor coverings - Determination of the overall thickness*

EN 430, *Resilient floor coverings - Determination of mass per unit area*

EN 433, *Resilient floor coverings - Determination of residual indentation after static load*

EN 434, *Resilient floor coverings - Determination of dimensional stability and curling after exposure to heat*

EN 672, *Resilient floor coverings - Determination of apparent density of agglomerated cork*

EN 685, *Resilient floor coverings – Classification*

EN 12105, *Resilient floor coverings - Determination of moisture content of agglomerated cork*

EN 12466, *Resilient floor coverings – Vocabulary*

## 3 Definitions

For the purposes of this European Standard the following definition and those given in EN 12466 apply:

### 3.1

#### **agglomerated composition cork**

product obtained from the agglutination of cork granules with the addition of a binder

### 3.2

#### **cork floor covering**

floor covering the main component of which is agglomerated composition cork, intended to be used with a finish [EN 12466]

## **4 Requirements**

### **4.1 General requirements**

Cork floor coverings described in this standard shall conform to the appropriate general requirements specified in table 1, when tested in accordance with methods given therein.

### **4.2 Classification Requirements**

Cork floor coverings described in this standard shall be classified as suitable for different levels of intensity of use in accordance with the performance requirements specified in table 2, when tested in accordance with the test methods stated therein.

Classification shall conform to the system specified in EN 685.

## **5 Marking, labelling and packing**

Cork floor coverings that conform to the requirements of this standard shall be clearly and indelibly marked by the manufacturer either in their package or on an adhesive label with the following information:

- a) number and the year of this standard, i.e. EN 12104:1999;
- b) manufacturer's and/or or supplier's identification;
- c) product name including the finishing and batch number (possibly in code form);
- d) year of manufacture (last two digits);
- e) class/symbol of level of use;
- f) nominal dimensions and the area in square metres contained in a package;
- g) the warning that packages shall be stored shielded from direct sunlight and humidity.

This is a free preview. Purchase the entire publication at the link below:

[Product Page](#)

- 
- [Looking for additional Standards? Visit Intertek Inform Infostore](#)
  - [Learn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation](#)
-