



National Standards Authority of Ireland

IRISH STANDARD

I.S. CEN/TS 13810-2:2003

ICS 79.060.01

National Standards
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WOOD-BASED PANELS – FLOATING FLOORS

– PART 2: TEST METHODS

*This Irish Standard was
published under the
authority of the National
Standards Authority of
Ireland
and comes into effect on:
August 15, 2003*

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TECHNICAL SPECIFICATION
SPÉCIFICATION TECHNIQUE
TECHNISCHE SPEZIFIKATION

CEN/TS 13810-2

April 2003

ICS 79.060.01

English version

Wood-based panels – Floating floors – Part 2: Test methods

Panneaux à base de bois — Planchers flottants —
Partie 2 : Méthodes d'essai

Holzwerkstoffe — Schwimmend verlegte Fußböden —
Teil 2: Prüfverfahren

This Technical Specification (CEN/TS 13810-2) was approved by CEN on 11 November 2002 for provisional application.

The period of validity of this CEN/TS is limited initially to three years. After two years the members of CEN will be requested to submit their comments, particularly on the question whether the CEN/TS can be converted into a European Standard.

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Contents

page

Foreword	3
1 Scope	4
2 Normative references	4
3 Terms and definitions	4
4 Symbols and subscripts	5
4.1 Symbols	5
4.2 Subscripts	5
5 Principle	5
6 Sampling	5
7 Test set-up and apparatus	5
7.1 Test set-up for concentrated point load and alternating load	5
7.2 Test set-up for impact load	7
7.3 Apparatus	7
7.3.1 Concentrated point load	7
7.3.2 Alternating load	7
7.3.3 Impact load	8
8 Deflection measurement	8
8.1 Concentrated point load	8
8.2 Alternating load	8
8.3 Impact load	8
9 Preparation of the test floor and documentation of material	8
9.1 Test floor	8
9.2 Documentation of material	8
10 Procedure	9
10.1 Summary of the loading and measurement procedure for concentrated and alternating load	9
10.1.1 Test set-up	9
10.1.2 Pre-loading	9
10.1.3 Reference deflection	9
10.1.4 Performance testing	10
10.1.5 Requirement	10
10.2 Position of carousel for deflection measurements	10
10.3 Measurement procedure and records	10
10.4 Impact loading	11
11 Expression of results	11
11.1 Load category	11
11.2 Concentrated point load	11
11.3 Alternating load	11
11.4 Impact load	11
12 Test report	12
Annex A (normative) Test set-up for panel width 800 mm, 900 mm and 1 200 mm	13

Foreword

This document (CEN/TS 13810-2:2003) has been prepared by Technical Committee CEN/TC 112 “Wood-based panels”, the secretariat of which is held by DIN.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to announce this Technical Specification: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Slovakia, Spain, Sweden, Switzerland and the United Kingdom.

Annex A is normative.

CEN/TS 13810-2:2003 (E)

1 Scope

This Technical Specification specifies test methods for loading a continuously fully supported non-structural floating floor with static concentrated point loads, alternating loads and dynamic impact loads for determining the values of the resulting deflections.

NOTE These test methods form part of the basis for classification of floating floor constructions. The requirements, i.e. load values, number of load cycles, and deflection limits for the different load categories, are given in EN 13810-1.

2 Normative references

This Technical Specification 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 or any of these publications apply to this Technical Specification only when incorporated in it by amendment or revision. For undated references, the latest edition of the publication referred to applies (including amendments).

EN 310, *Wood-based panels — Determination of modulus of elasticity in bending and of bending strength.*

EN 319, *Particleboards and fibreboards — Determination of tensile strength perpendicular to the plane of the board.*

EN 322, *Wood-based panels — Determination of moisture content.*

EN 323, *Wood-based panels — Determination of density.*

EN 326-1, *Wood-based panels — Sampling, cutting and inspection — Part 1: Sampling and cutting of test pieces and expression of test results.*

EN 826, *Thermal insulating products for building applications — Determination of compression behaviour.*

EN 1195, *Timber structures — Test methods — Performance of structural floor decking.*

EN 1602, *Thermal insulating products for building applications — Determination of the apparent density.*

EN 1991-1-1, *Eurocode 1: Actions on structures — Part 1-1: General actions — Densities, self-weight, imposed loads for buildings.*

EN 13810-1, *Wood-based panels — Floating floors — Performance specifications and requirements.*

3 Terms and definitions

For the purposes of this Technical Specification the following terms and definitions apply.

3.1 static loading

loading situation is deemed to be static when the load is constant over at least a period of 1 h

3.2 alternating load

loading situation is deemed to alternate where its magnitude varies in a cyclic manner with time

3.3 T-joint

joint between three floor panels

3.4 I-joint

joint between two floor panels

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