

ILNAS

Institut luxembourgeois de la normalisation
de l'accréditation, de la sécurité et qualité
des produits et services

ILNAS-EN 14703:2007

Furniture - Links for non-domestic seating linked together in a row - Strength requirements and test methods

Möbel - Verbindungselemente für
Reihenbestuhlung für den Nicht-
Wohnbereich - Festigkeitsanforderungen
und Prüfverfahren

Ameublement - Assemblages pour sièges
à usage non domestique assemblés en
une rangée - Exigences de résistance et
méthodes d'essai

04/2007

A decorative graphic in the bottom right corner featuring several interlocking gears in shades of blue and yellow. Overlaid on the gears is a vertical column of binary code (0s and 1s) and various mathematical symbols like plus, minus, and multiplication signs.

National Foreword

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English Version

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This European Standard was approved by CEN on 15 March 2007.

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 CEN Management Centre or to any CEN member.

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Foreword

This document (EN 14703:2007) has been prepared by Technical Committee CEN/TC 207 "Furniture", 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of an identical text or by endorsement, at the latest by October 2007, and conflicting national standards shall be withdrawn at the latest by October 2007.

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.

1 Scope

This European Standard specifies strength requirements and test methods for the links used for non-domestic seating, which can be linked together in a row.

This European Standard does not specify strength or durability requirements for individual chairs as these are contained within EN 15373.

Assessment of ageing and degradation is not included.

Tests carried out according to this European Standard are intended to demonstrate the ability of the links to function correctly in their intended environment. It should be understood that fulfilling the requirements does not ensure that the links will operate as expected in circumstances or emergencies that cannot be foreseen.

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.

Not applicable

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

3.1 linked seating

single chairs fitted with means whereby they can be linked together in a row or separated and used singly or stored.

NOTE Seating mounted on beams or fixed to the floor or wall of a building is not linked seating

3.2 positive links

links which remain linked if the chairs are overturned or lifted up

3.3 gravity links

links which link each chair to the previous one when the chair is put down. This type of link will disengage when the chair is lifted up

3.4 structure

load bearing parts of furniture including the frame, seat, back, arm supports and suspension

3.5 static test

test consisting of heavy loads being applied a few times to ensure that the furniture has sufficient strength to perform its function under the highest levels of loading that might reasonably be expected to occur

3.6 impact test

test to assess the strength of the article under the rapid rates of loading that occasionally occur