

Furniture - Ranked seating - Test methods and requirements for strength and durability

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EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 12727:2001 sisaldab Euroopa standardi EN 12727:2000 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 16.02.2001 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 12727:2001 consists of the English text of the European standard EN 12727:2000.</p> <p>This document is endorsed on 16.02.2001 with the notification being published in the official publication of the Estonian national standardisation organisation.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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<p>Käsitlusala:</p> <p>The standard specifies test methods and requirements for determining the structural strength and durability of all types of ranked seating, (e.g. stadium and auditorium seating) which are permanently fastened to the floor and/or walls, whether in bench or individual seat form. A table of tests values with four choices of loads is included.</p> <p>The standard applies to seating permanently fixed in ranks but does not apply to linked upright chairs not fastened to the floor and/or wall such as may be used in church halls, schools etc.</p>	<p>Scope:</p> <p>The standard specifies test methods and requirements for determining the structural strength and durability of all types of ranked seating, (e.g. stadium and auditorium seating) which are permanently fastened to the floor and/or walls, whether in bench or individual seat form. A table of tests values with four choices of loads is included.</p> <p>The standard applies to seating permanently fixed in ranks but does not apply to linked upright chairs not fastened to the floor and/or wall such as may be used in church halls, schools etc.</p>
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ICS 97.140

Võtmesõnad: ergonomics, functional sizes, furniture, human factors engineering, marking, party line systems, rows of seats, safety, safety requirements, school buildings, seat arrangement, series, specification (approval), specifications, stadia, strength of materials, testing

ICS 97.140

English version

Furniture
Ranked seating

Test methods and requirements for strength and durability

Meubles – Sièges en rangées –
Méthodes d'essai et exigences pour
la résistance et la durabilité

Möbel – Festmontiertes Reihen-
gestühl – Prüfverfahren und Anforde-
rungen an die Festigkeit und Dauer-
haltbarkeit

This European Standard was approved by CEN on 2000-08-10.

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, the Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, the Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, and the United Kingdom.

CEN

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

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

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Foreword

This European Standard has been prepared by Technical Committee CEN/TC 207 "Furniture", the secretariat of which is held by IBN.

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 March 2001, and conflicting national standards shall be withdrawn at the latest by March 2001.

Annex A is normative.

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.

1 Scope

This European Standard specifies test methods and requirements determining the structural strength and durability of all types of ranked seating, (e.g. stadium and auditorium seating) which are permanently fastened to the floor and/or walls, whether in bench or individual seat form. A table of tests values with four choices of loads and cycles is included.

This standard applies to seating permanently fixed in ranks but does not apply to linked upright chairs not fastened to the floor and/or walls.

Assessment of ageing, degradation and the effect of ambient temperature are not included. For these, reference should be made to the appropriate standard (e.g. a standard is in preparation under the title "Spectator Facilities, product characteristics of seats").

The tests are not intended to assess the durability of upholstery materials, such as upholstery filling materials and upholstery covers.

The tests are designed to evaluate structural strength and durability of ranked seating without regard to materials, design/construction or manufacturing processes.

2 Normative reference

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 these publications 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 (including amendments).

ISO 2439:1997 Flexible cellular polymeric materials – Determination of hardness (indentation technique)