

Synthetic surfaces for outdoor sports areas - Specification

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EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 14877:2006 sisaldab Euroopa standardi EN 14877:2006 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 29.05.2006 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 14877:2006 consists of the English text of the European standard EN 14877:2006.</p> <p>This document is endorsed on 29.05.2006 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>This document specifies requirements for synthetic surfaces (placed in situ and prefabricated) for outdoor sports facilities. It covers synthetic surfaces for the following applications:- athletics, track and field;- tennis;- multi-sports.</p>	<p>Scope:</p> <p>This document specifies requirements for synthetic surfaces (placed in situ and prefabricated) for outdoor sports facilities. It covers synthetic surfaces for the following applications:- athletics, track and field;- tennis;- multi-sports.</p>
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Võtmesõnad:

English Version

Synthetic surfaces for outdoor sports areas - Specification

Sols synthétiques pour installations de sport en plein air -
Spécification

Kunststoffflächen auf Sportanlagen im Freien -
Anforderungen

This European Standard was approved by CEN on 16 March 2006.

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, 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.



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Foreword

This document (EN 14877:2006) has been prepared by Technical Committee CEN/TC 217 "Surfaces for sports areas", 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 October 2006, and conflicting national standards shall be withdrawn at the latest by October 2006.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, 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 document specifies requirements for synthetic surfaces (placed in situ and prefabricated) for outdoor sports facilities. It covers synthetic surfaces for the following applications:

- athletics, track and field;
- tennis;
- multi-sports.

It also covers surface systems which include both their supporting and upper layers whether prefabricated, produced in situ or a combination of the two.

NOTE 1 Examples of types of surface and their fields of application are given in Annex A, general recommendations and information regarding requirements in Clauses 4 and 5 are given in Annex B and recommendations for the finished surface are given in Annex C.

NOTE 2 "Multi-sports" will be defined by appropriate national provisions.

NOTE 3 Requirements for the thickness of the surface are specified in 5.1, which means that this European Standard is not applicable to certain coatings used for sports surfaces.

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.

EN 1969, *Surfaces for sports areas — Determination of thickness of synthetic sports surfaces*

EN 13036-4, *Road and airfield surface characteristics — Test methods — Part 4: Method for measurement of slip/skid resistance of a surface — The pendulum test*

EN 12235, *Surfaces for sports areas — Determination of vertical ball behaviour*

EN 13865, *Surfaces for sports areas — Determination of angled ball behaviour - Tennis*

EN 14808, *Surfaces for sports areas — Determination of shock absorption*

EN 14809, *Surfaces for sports areas — Determination of vertical deformation*

EN 14810, *Surfaces for sports areas — Determination of spike resistance*

EN 14836, *Synthetic surfaces for outdoor sports areas — Exposure to artificial weathering*

EN ISO 5470-1, *Rubber- or plastics-coated fabrics — Determination of abrasion resistance — Part 1: Taber abrader (ISO 5470-1:1999)*

EN ISO 20105-A02, *Textiles — Tests for colour fastness — Part A02: Grey scale for assessing change in colour (ISO 105-A02:1993)*

3 Term and definition

For the purposes of this document, the following term and definition applies.