

Surfaces for sports areas - Determination of ground cover of natural turf

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EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN 12231:2003 sisaldab Euroopa standardi EN 12231:2003 ingliskeelset teksti. Käesolev dokument on jõustatud 16.05.2003 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes. Standard on kättesaadav Eesti standardiorganisatsioonist.	This Estonian standard EVS-EN 12231:2003 consists of the English text of the European standard EN 12231:2003. This document is endorsed on 16.05.2003 with the notification being published in the official publication of the Estonian national standardisation organisation. The standard is available from Estonian standardisation organisation.
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Käsitlusala: This European Standard specifies three methods for the determination of ground cover of natural turf sports surfaces	Scope: This European Standard specifies three methods for the determination of ground cover of natural turf sports surfaces
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English version

Surfaces for sports areas – Methods of test

Determination of ground cover of natural turf

Sols sportifs – Méthodes d'essai –
Détermination de la couverture végétale
d'un gazon naturel

Sportböden – Prüfverfahren – Be-
stimmung der Bodendeckung bei
Naturrasen

This European Standard was approved by CEN on 2003-01-09.

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Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Management Centre or to any CEN member.

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CEN

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

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Foreword

This document (EN 12231:2003) 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of an identical text or by endorsement, at the latest by October 2003, and conflicting national standards shall be withdrawn at the latest by October 2003.

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, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Slovakia, Spain, Sweden, Switzerland and the United Kingdom.

1 Scope

This European Standard specifies three methods for the determination of ground cover of natural turf sports surfaces.

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 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).

EN 12233, *Surfaces for sports areas — Determination of sward height of natural turf.*

3 Terms and definitions

For the purposes of this European Standard, the following term and definition apply.

3.1

ground cover

proportion of ground occupied by the perpendicular projection of live grass material above it

4 Principle

Three methods of test are given. Method A is a visual, subjective assessment of ground cover using no measuring device. Method B uses a sampling grid to give a more systematic assessment of ground cover. Method C uses a point quadrat for when objective data are required or where a detailed assessment of species composition is needed.

In all three methods, an observer assesses the proportion of ground cover, including:

- a) live grass, which includes healthy (green) and senescent (yellow) leaf tissue, together with the living stem material, which can be a variety of colours depending on the grass species;
- b) weeds;
- c) moss;
- d) dead matter and bare ground.

The procedures can be used to measure the live grass ground cover and/or ground cover for individual plant species.

5 Sward height

Ensure that the sward height, measured in accordance with EN 12233, is within the range appropriate for the given sport.

NOTE The amount of cover that is recorded is dependent on the height of grass.