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Surfaces for sports areas - Code of practice for the sampling of performance infills used within synthetic turf surfaces

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

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English Version

Surfaces for sports areas - Code of practice for the sampling of performance infills used within synthetic turf surfaces

Surfaces pour sols sportifs - Code de bonnes pratiques pour l'échantillonnage des matériaux de remplissage utilisés dans les surfaces de gazon synthétique

Sportböden - Regeln für die Probenahme bei Füllungen, die in Kunstrasenflächen verwendet werden

This European Standard was approved by CEN on 20 April 2020.

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European foreword

This document (EN 17409:2020) has been prepared by Technical Committee CEN/TC 217 “Surfaces for sports areas”, the secretariat of which is held by AFNOR.

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of an identical text or by endorsement, at the latest by November 2020, and conflicting national standards shall be withdrawn at the latest by November 2020.

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1 Scope

This document specifies the minimum procedures for the sampling of performance infills used within synthetic turf surfaces to verify compliance with toxicology, environmental and performance regulations and standards.

Four sampling procedures are specified:

Method 1 specifies how to take samples during production of the infill material.

Method 2 specifies how to take samples from big bags delivered to site.

Method 3 specifies how to take samples from small bags delivered to site.

Method 4 specifies a procedure for taking samples from a synthetic turf (e.g. sports, recreational or landscaping surface).

The procedures specified are suitable for all forms of infill.

2 Normative references

There are no normative references in this document.

3 Terms and definitions

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

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- IEC Electropedia: available at <http://www.electropedia.org/>
- ISO Online browsing platform: available at <https://www.iso.org/obp>

3.1

big bag

flexible container capable of holding $\geq 1 \text{ m}^3$ (1 000 l) or more of infill

3.2

field sample

sample taken in the field and from which laboratory samples are produced

3.3

increment

sub-portion of material extracted in a single operation by the sampling device

3.4

infill

particulate materials used to infill the synthetic turf pile to provide support of the carpet pile and to aid the provision of the required performance characteristics of the surface

3.5

laboratory sample

sample or sub-sample sent to or received by the laboratory

3.6

lot

defined quantity of infill material for which a characteristic is to be determined