Surfaces for sports areas - Determination of dimensional stability of shock pads used within sports systems

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NATIONAL FOREWORD

See Eesti standard EVS-EN 17326:2020 sisaldab Euroopa standardi EN 17326:2020 ingliskeelset teksti.	This Estonian standard EVS-EN 17326:2020 consists of the English text of the European standard EN 17326:2020.
Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation.
Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 06.05.2020.	Date of Availability of the European standard is 06.05.2020.
Standard on kättesaadav Eesti Standardikeskusest.	The standard is available from the Estonian Centre for Standardisation.

Tagasisidet standardi sisu kohta on võimalik edastada, kasutades EVS-i veebilehel asuvat tagasiside vormi või saates e-kirja meiliaadressile standardiosakond@evs.ee.

ICS 97.220.10

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 17326

May 2020

ICS 97.220.10

English Version

Surfaces for sports areas - Determination of dimensional stability of shock pads used within sports systems

Sols sportifs - Détermination de la stabilité dimensionnelle des tapis absorbant les chocs dans les systèmes de sols sportifs

Sportböden - Bestimmung der Dimensionsstabilität von elastifizierenden Schichten in Sportsystemen

This European Standard was approved by CEN on 2 March 2020.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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Ref. No. EN 17326:2020 E

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European foreword

This document (EN 17326:2020) 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of an identical text or by endorsement, at the latest by November 2020, and conflicting national standards shall be withdrawn at the latest by November 2020.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 a method for determining the dimensional stability (bowing and curling) of shockpads used within sports surface systems.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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.

ISO 188, *Rubber, vulcanized or thermoplastic — Accelerated ageing and heat resistance tests*

3 Terms and definitions

No terms and definitions are listed in this document.

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/ui

4 Apparatus

4.1 Test rig

In accordance with Figures 1 and 2, comprising a flat rigid base plate and adjustable side frame with internal dimensions of 302 mm × 302 mm. The side frame shall be rigid and 50 mm ± 5 mm in height. The test rig shall allow the measurement of the distance between the test specimen and a fixed guide bar in three positions in two directions at 90° to each other to an accuracy of ±1 mm. The minimum distance between the top of the test specimen and reference bar shall be 100 mm. The measurement positions shall be:

— over the centre of the test specimen; and

— 10 mm ± 2 mm from the edge of the test specimen in each direction.