

STN	Povrchy pre športové areály Skúšobná metóda na stanovenie ťahových vlastností syntetických povrchov pre športy	STN EN 12230 73 5926
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Surfaces for sports areas - Test method for the determination of tensile properties of synthetic sports surfaces

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 05/23

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English Version

Surfaces for sports areas - Test method for the determination of tensile properties of synthetic sports surfaces

Sols sportifs - Méthode d'essai pour la détermination des caractéristiques de traction des surfaces sportives synthétiques

Sportböden - Prüfverfahren für die Bestimmung der Zugfestigkeitseigenschaften von Kunststoffflächen

This European Standard was approved by CEN on 16 October 2022.

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

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EN 12230:2023 (E)

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European foreword

This document (EN 12230:2023) 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of an identical text or by endorsement, at the latest by July 2023, and conflicting national standards shall be withdrawn at the latest by July 2023.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN 12230:2003.

Any feedback and questions on this document should be directed to the users’ national standards body. A complete listing of these bodies can be found on the CEN website.

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1 Scope

This document specifies three methods for the determination of the tensile properties of materials used as surfaces, elastic layers and shockpads for sports areas.

Method 1 measures the tensile strength of homogenous test specimens that are less than 25 mm in thickness.

Method 2 measures the transversal tensile strength of homogenous test specimens that are more than 25 mm in thickness.

Method 3 measures the tensile strength of sports surfaces or shockpads that are non-homogenous and contain slots or grooves cut into their structure.

This document is applicable both to prefabricated sheet materials and to materials formed by casting of liquid systems cured in-situ.

If the nature of the sports surface is such that a properly representative test piece cannot be prepared in the manner described in this document, then determination of tensile properties should not be attempted for quality control purposes, or as a predictor of performance in use. With such materials, it can be more appropriate to determine their compressive properties or other dynamic characteristics for these purposes.

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.

EN ISO 291, *Plastics - Standard atmospheres for conditioning and testing (ISO 291)*

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