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Sports mats - Part 4: Determination of shock absorption

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. 10/16

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rozmnožovať a rozširovať iba so súhlasom Úradu pre normalizáciu, metrológiu a skúšobníctvo SR.

EUROPEAN STANDARD

EN 12503-4

NORME EUROPÉENNE

EUROPÄISCHE NORM

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Supersedes EN 12503-4:2013

English Version

Sports mats - Part 4: Determination of shock absorption

Tapis de sport - Partie 4: Détermination des caractéristiques d'amortissement au choc

Sportmatten - Teil 4: Bestimmung der Dämpfungseigenschaften

This European Standard was approved by CEN on 25 March 2016.

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

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European foreword

This document (EN 12503-4:2016) has been prepared by Technical Committee CEN/TC 136 “Sports, playground and other recreational facilities and equipment”, the secretariat of which is held by DIN.

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of an identical text or by endorsement, at the latest by November 2016, and conflicting national standards shall be withdrawn at the latest by November 2016.

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

This document supersedes EN 12503-4:2013.

In relation to EN 12503-4:2013, the following main changes have been made:

- a) Normative references updated;
- b) Requirement and test method for high-jump and pole vault mats precised (Type 9, 10 and 11).

EN 12503, *Sports mats* consists of the following parts:

- *Part 1: Gymnastic mats, safety requirements*
- *Part 2: Pole vault and high jump mats, safety requirements*
- *Part 3: Judo mats, safety requirements*
- *Part 4: Determination of shock absorption*
- *Part 5: Determination of the base friction*
- *Part 6: Determination of the top friction*
- *Part 7: Determination of static stiffness*

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1 Scope

This European Standard specifies a method of test for the determination of shock absorption characteristics of sports mats types 1 to 8 of EN 12503-1:2013, 9 to 11 of EN 12503-2:2016 and 12 of EN 12503-3:2001.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 12390-3, *Testing hardened concrete — Part 3: Compressive strength of test specimens*

ISO 6487, *Road vehicles — Measurement techniques in impact tests — Instrumentation*

koniec náhľadu – text ďalej pokračuje v platenej verzii STN