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STN	**Pružné, modulárne mechanicky uzamykateľné podlahové krytiny (MMF) a laminátové podlahové krytiny Hodnotenie elektrostatických vlastností**	**STN EN 1815** 91 7831

Resilient, modular mechanical locked floor coverings (MMF) and laminate floor coverings - Assessment of static electrical propensity

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. 02/26

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English Version

Resilient, modular mechanical locked floor coverings (MMF) and laminate floor coverings - Assessment of static electrical propensity

Revêtements de sol résilients, modulaires à verrouillage mécanique (MMF) et stratifiés - Évaluation à la propension à l'accumulation de charges électrostatiques

Elastische, modulare mechanisch verriegelnde Bodenbeläge (MMF) und Laminat-Bodenbeläge - Beurteilung des elektrostatischen Verhaltens

This European Standard was approved by CEN on 15 September 2025.

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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 1815:2025) has been prepared by Technical Committee CEN/TC 134 “Resilient, textile, laminate and modular mechanical locked floor coverings”, the secretariat of which is held by NBN.

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of an identical text or by endorsement, at the latest by April 2026, and conflicting national standards shall be withdrawn at the latest by April 2026.

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 1815:2016.

EN 1815:2025 includes the following significant technical changes with respect to EN 1815:2016:

— modular mechanical locked floor coverings were added to the Title and Scope;

— correction of the normative references in Clause 2 related to the new technical parameter;

— the test principle description in Clause 4 was divided in method A and B;

— a description of a conditioned room was added as 5.1;

— technical parameters of the new EPDM sole in 5.5;

— Clause 6, “Preparation of test pieces for method A” was integrated;

— 8.2.2 “Discharging” was modified;

— the Annex A with the description of the test sandals was added and Figure A.1 was replaced.

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.

According to the CEN-CENELEC Internal Regulations, the national standards organisations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye and the United Kingdom.

1 Scope

This document specifies a method for determining the body voltage (BV) generated when a person wearing standardized footwear walks on a resilient, modular mechanical locked floor coverings (MMF) or laminate floor covering. The test method can be used under laboratory conditions as well as *in situ*.

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 1183-1, *Plastics — Methods for determining the density of non-cellular plastics — Part 1: Immersion method, liquid pycnometer method and titration method (ISO 1183-1)*

EN IEC 61340-4-1, *Electrostatics — Part 4-1: Standard test methods for specific applications — Electrical resistance of floor coverings and installed floors (IEC 61340-4-1)*

ISO 37, *Rubber, vulcanized or thermoplastic — Determination of tensile stress-strain properties*

ISO 48-2, *Rubber, vulcanized or thermoplastic — Determination of hardness —Part 2: Hardness between 10 IRHD and 100 IRHD*

ISO 48-4, *Rubber, vulcanized or thermoplastic — Determination of hardness — Part 4: Indentation hardness by durometer method (Shore hardness)*

ISO 4649, *Rubber, vulcanized or thermoplastic — Determination of abrasion resistance using a rotating cylindrical drum device*

ISO 9407, *Footwear sizing — Mondopoint system of sizing and marking*