Resilient floor coverings - Determination of seam strength (ISO 16906:2015)

EESTI STANDARDIMIS- JA AKREDITEERIMISKESKUS
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NATIONAL FOREWORD

See Eesti standard EVS-EN ISO 16906:2024 sisaldab Euroopa standardi EN ISO 16906:2024 ingliskeelset teksti.	This Estonian standard EVS-EN ISO 16906:2024 consists of the English text of the European standard EN ISO 16906:2024.
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 and Accreditation.
Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 30.10.2024.	Date of Availability of the European standard is 30.10.2024.
Standard on kättesaadav Eesti Standardimis-ja Akrediteerimiskeskusest.	The standard is available from the Estonian Centre for Standardisation and Accreditation.

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

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Resilient floor coverings - Determination of seam strength (ISO 16906:2015)

Revêtements de sol résilients - Détermination de la résistance des soudures (ISO 16906:2015)

Elastische Bodenbeläge - Bestimmung der Nahtfestigkeit (ISO 16906:2015)

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

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European foreword

The text of ISO 16906:2015 has been prepared by Technical Committee ISO/TC 219 "Floor coverings" of the International Organization for Standardization (ISO) and has been taken over as EN ISO 16906:2024 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of an identical text or by endorsement, at the latest by April 2025, and conflicting national standards shall be withdrawn at the latest by April 2025.

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Endorsement notice

The text of ISO 16906:2015 has been approved by CEN as EN ISO 16906:2024 without any modification.

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Foreword

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For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the WTO principles in the Technical Barriers to Trade (TBT) see the following URL: Foreword - Supplementary information

The committee responsible for this document is ISO/TC 219, *Floor coverings*.

Resilient floor coverings — Determination of seam strength

1 Scope

This International Standard specifies a method for determining the strength of the seams of resilient floor coverings when welded in accordance with the manufacturer's instructions.

2 Terms and definitions

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

2.1
seam strength
maximum tensile force recorded, for a defined width, when a floor covering is tested under a constant rate of extension

2.2
constant-rate-of-extension (CRE) testing machine
tensile testing machine provided with one clamp which is stationary and another clamp which moves with a constant speed throughout the test, the entire testing system being virtually free from deflection

3 Principle

An increasing tensile force is applied until the seam breaks (see Figure 1; the arrows indicate the direction of the applied tensile forces).

Figure 1 — Principle of test

4 Apparatus

A tensile testing machine, which allows a speed of separation of (100 ± 5) mm/min, and a force recording device shall be used.