
Netekstilne, laminirane (plastene) in večplastne talne obloge - Ugotavljanje električne upornosti

Resilient, laminate and modular multilayer floor coverings - Determination of the electrical resistance

Elastische, Laminat- und modulare mehrschichtige Bodenbeläge - Bestimmung des elektrischen Widerstandes

Revêtements de sol résilients, stratifiés et multicouches modulaires - Détermination de la résistance électrique

Ta slovenski standard je istoveten z: EN 1081:2018/prA1

ICS:

97.150 Talne obloge Floor coverings

SIST EN 1081:2019/oprA1:2019 **en**

iTeh STANDARD PREVIEW
(standards.iteh.ai)

Full standard:
<https://standards.iteh.ai/catalog/standards/sist/dce4d70e-11e9-40ba-9e40-75f184f0a2f1/sist-en-1081-2019-oprA1-2019>

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

DRAFT
EN 1081:2018
prA1

December 2019

ICS 97.150

English Version

Resilient, laminate and modular multilayer floor coverings - Determination of the electrical resistance

Revêtements de sol résilients, stratifiés et multicouches modulaires - Détermination de la résistance électrique

Elastische, Laminat- und modulare mehrschichtige Bodenbeläge - Bestimmung des elektrischen Widerstandes

This draft amendment is submitted to CEN members for enquiry. It has been drawn up by the Technical Committee CEN/TC 134.

This draft amendment A1, if approved, will modify the European Standard EN 1081:2018. If this draft becomes an amendment, CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for inclusion of this amendment into the relevant national standard without any alteration.

This draft amendment was established by CEN in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

CEN members are the national standards bodies of 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, Turkey and United Kingdom.

Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

Warning : This document is not a European Standard. It is distributed for review and comments. It is subject to change without notice and shall not be referred to as a European Standard.



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

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

Contents

Page

European foreword	3
1 Modification to Clause 5.4, "Resistance meter"	4

iTeh STANDARD PREVIEW
(standards.iteh.ai)
Full standard:
<https://standards.iteh.ai/catalog/standards/sist/dce4d70e-11e9-40ba-9e40-75f184f0a2f1/sist-en-1081-2019-oprA1-2019>

European foreword

This document (EN 1081:2018/prA1:2019) has been prepared by Technical Committee CEN/TC 134 “Resilient, textile and laminate floor coverings”, the secretariat of which is held by NBN.

This document is currently submitted to the CEN Enquiry.

This document amends EN 1081:2018 as follows:

- Text in subclause 5.4 “Resistance meter” has been changed.

iTeh STANDARD PREVIEW
(standards.iteh.ai)
Full standard:
<https://standards.iteh.ai/catalog/standards/sist/dce4d70e-11e9-40ba-9e40-75f184f0a2f1/sist-en-1081-2019-oprA1-2019>

1 Modification to Clause 5.4, "Resistance meter"

Replace

"5.4 Resistance meter

The resistance meter shall fulfil the requirements given in EN 62631-3-1. It shall be calibrated to determine the resistance R of a floor covering to an accuracy of $\pm 5\%$ in the range 10^3 Ohm to 10^{10} Ohm and an accuracy of $\pm 10\%$ for greater than 10^{10} Ohm. For resistances less than or equal to 10^6 Ohm the open circuit voltage shall be 10 V dc and for resistances greater than 10^6 Ohm it shall be 100 V dc when possible. If not, 500 V dc shall be used.

Alternatively, an instrument with internal resistance of 100 kOhm and compatible with digital instrument reading of the current can be used."

with

"5.4 Resistance meter

The resistance meter shall fulfil the requirements given in EN 62631-3-1. It shall be calibrated to determine the resistance R of a floor covering to an accuracy of:

- 10 V \pm 0,5 V for resistance below $1,0 \times 10^6 \Omega$
- 100 V \pm 5 V for resistance between $1,0 \times 10^6 \Omega$ and $1,0 \times 10^{11} \Omega$
- 500 V \pm 25 V for resistance above $1,0 \times 10^{11} \Omega$

When implementing tests according to procedures 6.5, 7.4 and 8.4, start with the voltage set to 10 V, if the value exceeds $10^6 \Omega$, select 100 V and repeat the measurement. If the value for this second measurement exceeds $10^{11} \Omega$, select 500 V and make a final measurement. Record the reading which matches the voltage and resistance range specified above, if either of the following situations occur:

- a) the measured resistance at 10 V is greater than $1,0 \times 10^6 \Omega$ and the measured resistance at 100 V is less than $1,0 \times 10^6 \Omega$; or
- b) the measured resistance at 100 V is greater than $1,0 \times 10^{11} \Omega$ and the measured resistance at 500 V is less than $1,0 \times 10^{11} \Omega$

then the resistance measurement made at the higher voltage level shall be recorded."