SLOVENSKI STANDARD
oSIST prEN ISO 22633:2018

01-julij-2018

Lepila - Preskusne metode za lepila za talne in stenske obloge - Ugotavljanje sprememb mer talnih oblog iz linoleja ob stiku z lepilom (ISO/DIS 22633:2018)

Adhesives - Test methods for adhesives for floor coverings and wall coverings - Determination of dimensional changes of a linoleum floor covering in contact with an adhesive (ISO/DIS 22633:2018)

Klebstoffe - Prüfverfahren für Klebstoffe für Boden- und Wandbeläge - Bestimmung der Maßänderung eines Linoleumbodenbelages im Kontakt mit einem Klebstoff (ISO/DIS 22633:2018)

Adhésifs - Méthodes d'essais pour adhésifs pour revêtements de sols et revêtements muraux - Détermination des variations dimensionnelles d'un revêtement en linoléum en contact avec un adhésif (ISO/DIS 22633:2018)

Ta slovenski standard je istoveten z: **prEN ISO 22633**

ICS:

83.180	Lepila	Adhesives
97.150	Talne obloge	Floor coverings

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DRAFT INTERNATIONAL STANDARD

ISO/DIS 22633

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Adhesives — Test methods for adhesives for floor coverings and wall coverings — Determination of the dimensional changes of a linoleum floor covering in contact with an adhesive

Adhésifs — Méthodes d'essais pour adhésifs pour revêtements de sols et revêtements muraux — Détermination des variations dimensionnelles d'un revêtement en linoléum en contact avec un adhésif

ICS: 83.180

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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see www.iso.org/patents).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

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 World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see the following URL: www.iso.org/iso/foreword.html.

The committee responsible for this document is ISO/TC 61 *Plastics*, SC 11 *Products*.

Introduction

This test is designed as a laboratory test to show the change in dimensions of a linoleum floorcovering in the early stages of bonding with an adhesive. Glass was chosen as an impervious substrate to maximise the effect.

This test does not necessarily reproduce the effects which occur on porous substrates such as in practical site conditions.

Adhesives — Test methods for adhesives for floor coverings and wall coverings — Determination of the dimensional changes of a linoleum floor covering in contact with an adhesive

1 Scope

This International Standard specifies a test method to measure the dimensional changes of a linoleum floorcovering whilst being adhered to a glass substrate. This method is to be used in conjunction with other test methods and not used solely to determine the suitability of a particular adhesive/linoleum combination.

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.

ISO 472, *Plastics — Vocabulary*

ISO 554, *Standard atmospheres for conditioning and/or testing — Specifications*

EN 548, *Resilient floor coverings — Specification for plain and decorative linoleum*

EN 1066, *Adhesives — Sampling*

EN 1067, *Adhesives — Examination and preparation of samples for testing*

3 Terms and definitions

For the purposes of this document, tthe terms and definitions given in ISO 472 and the following apply.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

— IEC Electropedia: available at http://www.electropedia.org/

— ISO Online browsing platform: available at http://www.iso.org/obp

3.1
adhesive for linoleum floorcoverings
adhesive which is intended to produce firm and durable bonds between linoleum and various substrates

3.2
linoleum
product produced by calendering a homogeneous mixture of linoleum cement, cork and/or woodflour, pigments and inorganic filler onto a fibrous backing. The product is then converted into its final form by an oxidative curing process

3.3
linoleum cement
binder in linoleum, consisting of a mixture of linseed oil and/or other vegetable drying oils, rosin and normal drying oil catalysts which is converted to a semi-elastic mass by an oxidative curing process

4 Principle

Indication of the dimensional changes which occur during the drying out process of the adhesive, i.e. in the early stages of an installation.

5 Safety

Persons using this standard shall be familiar with normal laboratory practice.

This standard does not purport to address all the safety problems, if any, associated with its use. It is the responsibility of the user to establish safety and health practices and to ensure compliance with any European and national regulatory conditions.

6 Apparatus and materials

6.1 Adhesive applicator. Serrated trowel with notch size as specified by the adhesive manufacturer.

6.2 Roller. Width (60 ± 1) mm, diameter (92 ± 1) mm and total mass (3,5 ± 0,01) kg with handle at 90° to the axis (see Figure 1).

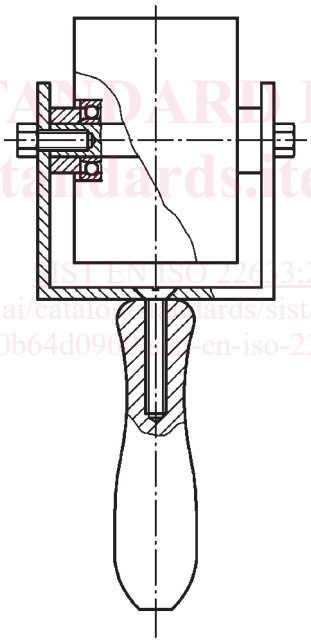

Figure 1 — Roller

6.3 Three glass plates for each adhesive under test. Thickness at least 6 mm. Dimensions 300 mm × 300 mm or 350 mm × 350 mm.

6.4 Suitable measuring device, capable of measuring to an accuracy of 0,01 mm over a length either 200 mm or 250 mm, e. g. elongation meter or other.

6.5 Three linoleum test pieces, 250 mm × 250 mm or 300 mm × 300 mm for each adhesive under test.

6.6 Suitable adhesive for fixing gauge studs to the linoleum surface if required by the measuring method.

6.7 Self adhesive paper labels when using the travelling microscope method.