

SLOVENSKI STANDARD

SIST EN ISO 13355:2017

01-marec-2017

Nadomešča:
SIST EN ISO 13355:2003

Embalaža - Celovita, napolnjena transportna embalaža - Navpični naključni vibracijski preskus (ISO 13355:2016)

Packaging - Complete, filled transport packages and unit loads - Vertical random vibration test (ISO 13355:2016)

Verpackungen - Versandfertige Packstücke und Ladeeinheiten - Schwingprüfung mit vertikaler rauschförmiger Anregung (ISO 13355:2016)

Emballages - Emballages d'expédition complets et pleins et charges unitaires - Essais de vibration verticale aléatoire (ISO 13355:2016)

Ta slovenski standard je istoveten z: EN ISO 13355:2016

ICS:

55.180.40	Celovita, napolnjena transportna embalaža	Complete, filled transport packages
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en,fr,de

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EUROPEAN STANDARD

EN ISO 13355

NORME EUROPÉENNE

EUROPÄISCHE NORM

August 2016

ICS 55.180.40

Supersedes EN ISO 13355:2003

English Version

Packaging - Complete, filled transport packages and unit loads - Vertical random vibration test (ISO 13355:2016)

Emballages - Emballages d'expédition complets et pleins et charges unitaires - Essais de vibration verticale aléatoire (ISO 13355:2016)

Verpackung - Versandfertige Packstücke und Ladeeinheiten - Schwingprüfung mit vertikaler rauschförmiger Anregung (ISO 13355:2016)

This European Standard was approved by CEN on 23 August 2016.

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This European Standard exists 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.

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

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

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European foreword

This document (EN ISO 13355:2016) has been prepared by Technical Committee ISO/TC 122 “Packaging” in collaboration with Technical Committee CEN/TC 261 “Packaging” the secretariat of which is held by AFNOR.

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 February 2017, and conflicting national standards shall be withdrawn at the latest by February 2017.

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 ISO 13355:2003.

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

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Endorsement notice

The text of ISO 13355:2016 has been approved by CEN as EN ISO 13355:2016 without any modification.

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INTERNATIONAL
STANDARD

ISO
13355

Second edition
2016-08-01

**Packaging — Complete, filled
transport packages and unit loads —
Vertical random vibration test**

*Emballages — Emballages d'expédition complets et pleins et charges
unitaires — Essais de vibration verticale aléatoire*

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ISO 13355:2016(E)

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 122, *Packaging*, Subcommittee SC 3, *Performance requirements and tests for means of packaging, packages and unit loads*.

This second edition cancels and replaces the first edition (ISO 13355:2003), which has been technically revised.

Some of the major modification points are listed as follows:

- a) [Annex A](#) has been changed from Informative to Normative;
- b) in [Table A.1](#), 0,048 (m/s²)² at 3 Hz, Slope between 3 Hz to 6 Hz, 1,154 (m/s²)² at 6 Hz to 18 Hz has been changed to 0,048 (m/s²)² at 2 Hz, Slope between 2 Hz to 4 Hz, 1,154 (m/s²)² at 4 Hz to 18 Hz;
- c) [Annex B](#) has been added.

Introduction

A random vibration test is a more realistic method in reproducing environmental vibration during transportation than sinusoidal vibration test. For this reason, if suitable laboratory facilities are available, a vibration test is more preferable than any fixed or swept frequency sinusoidal vibration tests similar to those given in ISO 2247 and ISO 8318.

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