

SLOVENSKI STANDARD SIST EN ISO 6860:1997

01-december-1997

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Paints and varnishes - Bend test (conical mandrel) (ISO 6860:1984)

Lacke und Anstrichstoffe - Dornbiegeversuch (mit konischem Dorn) (ISO 6860:1984)

Peintures et vernis - Essai de pliage (mandrin conique) (ISO 6860:1984)

Ta slovenski standard je istoveten z: EN ISO 6860:1995

<u>SIST EN ISO 6860:1997</u> https://standards.iteh.ai/catalog/standards/sist/68f2220c-8699-440c-b28c- 54f27f15e3b0/sist-en-iso-6860-1997					
<u>ICS:</u> 87.040	Barve in laki	Paints and varnishes			

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EUROPEAN STANDARD

EN ISO 6860

NORME EUROPÉENNE

EUROPÄISCHE NORM

March 1995

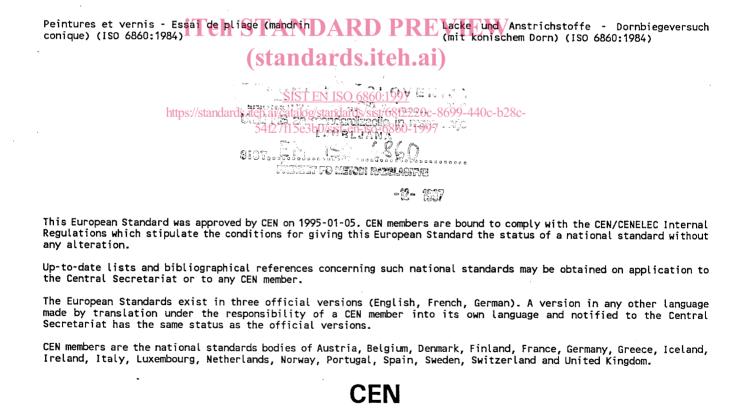
ICS 87.040

Descriptors:

paints, varnishes, tests, bend tests

English version

Paints and varnishes - Bend test (conical mandrel) (ISO 6860:1984)



European Committee for Standardization Comité Européen de Normalisation Europäisches Komitee für Normung

Central Secretariat: rue de Stassart, 36 B-1050 Brussels

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Ref. No. EN ISO 6860:1995 E

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Foreword

This European Standard has been taken over by the Technical Committee CEN/TC 139 "Paints and varnishes" from the work of ISO/TC 35 "Paints and varnishes" of the International Organization for Standardization (ISO).

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of an identical text or by endorsement, at the latest by September 1995, and conflicting national standards shall be withdrawn at the latest by September 1995.

According to the CEN/CENELEC Internal Regulations, the following countries are bound to implement this European Standard: Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, United Kingdom.

Endorsement notice

The text of the International Standard ISO 6860:1984 was approved by CEN as a European Standard without any modification.

(standards.iteh.ai) NOTE: Normative references to international publications are listed in annex ZA (normative) SIST EN ISO 6860:1997

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Annex ZA (normative) Normative references to international publications with their relevant European publications

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

Publication	Year	Title	<u>EN</u>	<u>Year</u>
ISO 1512	1991	Paints and varnishes - Sampling of products in liquid or paste form	EN 21512	1994
ISO 1513	1991	Paints and varnishes - Examination and preparation of samples for testing	EN ISO 1513	1994
ISO 1514	1984	Paints and varnishes - Standard panels for testing (Modified)	EN 605	1992
ISO 1519	1973	Paints and varnishes - Bend test (cylindrical mandrel) SISTEN ISO 6860:1997	EN ISO 1519	1995
ISO 1520	1973	standards, iteh.ai/catalog/standards/sist/68f2220c-8699-440 Paints and varnishes - Cupping test 54t2/11 Se360/sist-en-180-6860-1997	EN ISO 1520	1995
ISO 3270	1984	Paints and varnishes and their raw materials - Temperatures and humidities for conditioning and testing	EN 23270	1991
ISO 6272	1993	Paints and varnishes - Falling-weight test	EN ISO 6272	1994



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SIST EN ISO 6860:1997 https://standards.iteh.ai/catalog/standards/sist/68f2220c-8699-440c-b28c-54f27f15e3b0/sist-en-iso-6860-1997 **International Standard**



INTERNATIONAL ORGANIZATION FOR STANDARDIZATION®MEЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ®ORGANISATION INTERNATIONALE DE NORMALISATION

Paints and varnishes — **Bend test (conical mandrel)**

Peintures et vernis - Essai de pliage (mandrin conique)

First edition - 1984-06-01

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Descriptors : paints, varnishes, tests, bend tests, apparatus.

SIST EN ISO 6860:1997

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of developing International Standards is carried out through ISO technical committees. Every member body interested in a subject for which a technical committee has been authorized 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.

Draft International Standards adopted by the technical committees are circulated to the member bodies for approval before their acceptance as International Standards by the ISO Council.

International Standard ISO 6860 was developed by Technical Committee ISO/TC 35, IEW Paints and varnishes, and was circulated to the member bodies in October 1982. ai stanuar

It has been approved by the member bodies of the following countries: SIST EN ISO 6860:1997

Israel Italy Jamaica	iteh.ai/catalog/standards/sist/68f220c-8699-440c-b28c- Romania 54f27f15e3b(SSI-Frica, Rep. of Sri Lanka Sweden Switzerland	
Kenya	Thailand	
Mexico	United Kingdom	
Netherlands	USSR	
Norway		
Poland		
	Israel Italy Jamaica Kenya Mexico Netherlands Norway	

The member body of the following country expressed disapproval of the document on technical grounds:

Canada

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Paints and varnishes — Bend test (conical mandrel)

Ω Introduction

1 Scope and field of application

This International Standard describes an empirical test This International Standard is one of a series of standards deal. 4.₽ ing with the sampling and testing of paints, varnishes and procedure for assessing the resistance of a coating of paint, related products. (standards varnish or related product to cracking and/or detachment from

This International Standard is one of four documents (see also 686mandrel under standard conditions. ISO 1519, ISO 1520, and ISO/TR 6272) which specify empirical

test procedures for assessing the stander of coatings of ards/sist/68f2220c-8699-440c-b28cdetachment from the substrate under different conditions of deformation.

For any particular application, the method of test described in this International Standard needs, to be completed by the following supplementary information. This information should be derived, in part or totally, from the (inter)national standard or other document related to the product under test or, if appropriate, should be agreed between the interested parties.

a) Material, thickness and surface preparation of the substrate (see 5.1).

b) Method of application of the test coating to the substrate

c) Duration and conditions of drying of the coat (or conditions of stoving and ageing, if applicable) before testing.

d) Thickness, in micrometres, of the dry coating and method of measurement, in accordance with ISO 2808, and whether it is a single coating or a multi-coat system.

Temperature and humidity for the test, if different from e) those specified in 5.3 and 6.1 (see also ISO 3270).

a metal substrate when subjected to bending around a conical

paints, varnishes and related products to cracking and rot-en-iso1(260For a/multi-coat system, each coat may be tested separately or the complete system may be tested.

2 References

ISO 1512, Paints and varnishes - Sampling.

ISO 1513, Paints and varnishes - Examination and preparation of samples for testing.

ISO 1514, Paints and varnishes - Standard panels for testing.

ISO 1519, Paints and varnishes - Bend test (cylindrical mandrel).

ISO 1520, Paints and varnishes - Cupping test.

ISO 2808, Paints and varnishes - Determination of film thickness.1)

ISO 3270, Paints and varnishes and their raw materials -Temperatures and humidities for conditioning and testing.

ISO/TR 6272, Paints and varnishes - Falling weight test.

¹⁾ At present at the stage of draft. (Revision of ISO 2808-1974.)