



SLOVENSKI STANDARD
SIST EN ISO 4622:1997

01-december-1997

Barve in laki - Preskus odpornosti proti poškodbam pri zlaganju (ISO 4622:1992)

Paints and varnishes - Pressure test for stackability (ISO 4622:1992)

Lacke und Anstrichstoffe - Druckprüfung zur Bestimmung der Stapelfähigkeit (ISO 4622:1992)

Peintures et vernis - Essai de pression pour aptitude à l'empilement (ISO 4622:1992)

iTeh STANDARD PREVIEW
(standards.iteh.ai)

Ta slovenski standard je istoveten z: EN ISO 4622:1994

<https://standards.iteh.ai/catalog/standards/sist/151d1c0e-f89c-4894-bfb6-65676e8ba9e1/sist-en-iso-4622-1997>

ICS:

87.040 Barve in laki Paints and varnishes

SIST EN ISO 4622:1997 **en**

iTeh STANDARD PREVIEW
(standards.iteh.ai)

SIST EN ISO 4622:1997

<https://standards.iteh.ai/catalog/standards/sist/151d1c0e-f89c-4894-bfb6-65676e8ba9e1/sist-en-iso-4622-1997>

EUROPEAN STANDARD

EN ISO 4622

NORME EUROPÉENNE

EUROPÄISCHE NORM

August 1994

UDC 667.613:620.198

Descriptors: Paints, varnishes, tests, stacking tests, compression tests

English version

**Paints and varnishes - Pressure test for
stackability (ISO 4622:1992)**

Peintures et vernis - Essai de pression pour aptitude à l'empilement (ISO 4622:1992) Lacke und Anstrichstoffe - Druckprüfung zur Bestimmung der Stapelfähigkeit (ISO 4622:1992)

(standards.iteh.ai)SIST EN ISO 4622:1997

<https://standards.iteh.ai/catalog/standards/sist/151d1c0e-f89c-4894-bfb6-65676e8ba9e1/sist-en-iso-4622-1997>

This European Standard was approved by CEN on 1994-08-22. CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CEN member.

The European Standards exist 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 Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

CEN

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

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

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 February 1995, and conflicting national standards shall be withdrawn at the latest by February 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 4622:1992 was approved by CEN as a European Standard without any modification.

NOTE: Normative references to international publications are listed in annex ZA (normative)

[SIST EN ISO 4622:1997](https://standards.iteh.ai/catalog/standards/sist/151d1c0e-f89c-4894-bfb6-65676e8ba9e1/sist-en-iso-4622-1997)

<https://standards.iteh.ai/catalog/standards/sist/151d1c0e-f89c-4894-bfb6-65676e8ba9e1/sist-en-iso-4622-1997>

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).

| <u>Publication</u> | <u>Year</u> | <u>Title</u> | <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 | 1994 | Paints and varnishes - Examination and preparation of samples for testing | EN ISO 1513 | 1994 |
| ISO 3270 | 1984 | Paints and varnishes and their raw Materials - Temperatures and humidities for conditioning and testing | EN 23270 | 1991 |

[SIST EN ISO 4622:1997](https://standards.iteh.ai/catalog/standards/sist/151d1c0e-f89c-4894-bfb6-65676e8ba9e1/sist-en-iso-4622-1997)

<https://standards.iteh.ai/catalog/standards/sist/151d1c0e-f89c-4894-bfb6-65676e8ba9e1/sist-en-iso-4622-1997>

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST EN ISO 4622:1997](#)

<https://standards.iteh.ai/catalog/standards/sist/151d1c0e-f89c-4894-bfb6-65676e8ba9e1/sist-en-iso-4622-1997>

INTERNATIONAL
STANDARD

ISO
4622

Second edition
1992-12-15

**Paints and varnishes — Pressure test for
stackability**

iTeh STANDARD PREVIEW
Peintures et vernis — Essai de pression pour aptitude à l'empilement
(standards.iteh.ai)

[SIST EN ISO 4622:1997](https://standards.iteh.ai/catalog/standards/sist/151d1c0e-f89c-4894-bfb6-65676e8ba9e1/sist-en-iso-4622-1997)

<https://standards.iteh.ai/catalog/standards/sist/151d1c0e-f89c-4894-bfb6-65676e8ba9e1/sist-en-iso-4622-1997>



Reference number
ISO 4622:1992(E)

ISO 4622:1992(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.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

International Standard ISO 4622 was prepared by Technical Committee ISO/TC 35, *Paints and varnishes*, Sub-Committee SC 9, *General test methods for paints and varnishes*.

This second edition cancels and replaces the first edition (ISO 4622:1980), which has been technically revised. The only technical change is that provisions are now included for larger test pieces.

Annex A forms an integral part of this International Standard.

© ISO 1992

All rights reserved. No part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from the publisher.

International Organization for Standardization
Case Postale 56 • CH-1211 Genève 20 • Switzerland

Printed in Switzerland

Paints and varnishes — Pressure test for stackability

1 Scope

This International Standard is one of a series of standards dealing with the sampling and testing of paints, varnishes and related products.

This International Standard specifies a test method for determining, under standard conditions, whether a single-coat film or a multi-coat system of paints or related materials after a specified drying period is sufficiently dry to resist damage when two painted surfaces or one painted surface and another surface are placed in contact under pressure.

The method is intended to simulate the conditions when painted articles are stacked upon each other.

NOTE 1 In some countries, the test is called a "block resistance" test.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this International Standard. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 1512:1991, *Paints and varnishes — Sampling of products in liquid or paste form.*

ISO 1513:1992, *Paints and varnishes — Examination and preparation of samples for testing.*

ISO 1514:—¹⁾, *Paints and varnishes — Standard panels for testing.*

ISO 2808:1991, *Paints and varnishes — Determination of film thickness.*

ISO 3270:1984, *Paints and varnishes and their raw materials — Temperatures and humidities for conditioning and testing.*

3 Required supplementary information

For any particular application, the test method specified in this International Standard needs to be completed by supplementary information. The items of supplementary information are given in annex A.

4 Apparatus

4.1 Test apparatus, as shown in figure 1, consisting of a base-plate and a free-sliding plunger. The plunger, with a head of diameter (50 ± 1) mm, shall have a mass not exceeding 250 g and be designed in such a way that the face of the plunger is aligned with the top surface of the test panel.

NOTE 2 It is recommended that a balljoint connection be present between the plunger and its head.

4.2 Weight, of a mass suitable for the coating and its intended application.

NOTE 3 A mass in the range 100 g to 1 000 g will normally be suitable.

1) To be published. (Revision of ISO 1514:1984)