



SLOVENSKI STANDARD
SIST EN ISO 6270-2:2005
01-december-2005

Barve in laki – Ugotavljanje odpornosti proti vlagi – 2. del: Postopki preskušanja vzorcev, izpostavljenih kondenzu v vlažni komori (ISO 6270-2:2005)

Paints and varnishes - Determination of resistance to humidity - Part 2: Procedure for exposing test specimens in condensation-water atmospheres (ISO 6270-2:2005)

Beschichtungsstoffe - Bestimmung der Beständigkeit gegen Feuchtigkeit - Teil 2: Verfahren zur Beanspruchung von Proben in Kondenswasserklimaten (ISO 6270-2:2005)

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Peinture et vernis - Détermination de la résistance à l'humidité - Partie 2: Mode opératoire d'exposition d'éprouvettes dans des atmosphères de condensation d'eau (ISO 6270-2:2005)

Ta slovenski standard je istoveten z: EN ISO 6270-2:2005

ICS:

87.040 Barve in laki Paints and varnishes

SIST EN ISO 6270-2:2005 en

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN ISO 6270-2

July 2005

ICS 87.040

English Version

**Paints and varnishes - Determination of resistance to humidity -
Part 2: Procedure for exposing test specimens in condensation-
water atmospheres (ISO 6270-2:2005)**

Peinture et vernis - Détermination de la résistance à
l'humidité - Partie 2: Méthode d'exposition d'éprouvettes à
des atmosphères d'eau de condensation (ISO 6270-
2:2005)

Beschichtungsstoffe - Bestimmung der Beständigkeit
gegen Feuchtigkeit - Teil 2: Verfahren zur Beanspruchung
von Proben in Kondenswasserklimaten (ISO 6270-2:2005)

This European Standard was approved by CEN on 20 June 2005.

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.

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 Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.



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

Management Centre: rue de Stassart, 36 B-1050 Brussels

EN ISO 6270-2:2005 (E)**Foreword**

This document (EN ISO 6270-2:2005) has been prepared by Technical Committee ISO/TC 35 "Paints and varnishes" in collaboration with Technical Committee CEN/TC 139 "Paints and varnishes", the secretariat of which is held by DIN.

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 January 2006, and conflicting national standards shall be withdrawn at the latest by January 2006.

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

Endorsement notice

The text of ISO 6270-2:2005 has been approved by CEN as EN ISO 6270-2:2005 without any modifications.

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INTERNATIONAL STANDARD

ISO
6270-2

First edition
2005-07-01

Paints and varnishes — Determination of resistance to humidity —

Part 2:

Procedure for exposing test specimens in condensation-water atmospheres

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Peinture et vernis — Détermination de la résistance à l'humidité —

*Partie 2: Méthode d'exposition d'éprouvettes à des atmosphères d'eau
de condensation*

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ISO 6270-2:2005(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.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. 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.

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.

ISO 6270-2 was prepared by Technical Committee ISO/TC 35, *Paints and varnishes*, Subcommittee SC 9, *General test methods for paints and varnishes*.

ISO 6270 consists of the following parts, under the general title *Paints and varnishes — Determination of resistance to humidity*:

— *Part 1: Continuous condensation*

— *Part 2: Procedure for exposing test specimens in condensation-water atmospheres*

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Introduction

ISO 6270 is intended to give consistent conditions and procedures for the conditioning of pre-prepared test specimens which are to be evaluated for defects which may develop when they are subjected to humid ambient atmospheres such as constant condensation-water atmospheres or alternating condensation-water atmospheres.

The tests are designed to clarify the behaviour of the test specimens in humid ambient atmospheres, and to pinpoint any defects in the protection of the test specimens against corrosion. The testing of coatings in these atmospheres does not necessarily give lifetime prediction data.

After conditioning, the test specimens are evaluated either in accordance with agreed International Standards, such as the appropriate part(s) of ISO 4628, *Paints and varnishes — Evaluation of degradation of coatings — Designation of quantity and size of defects, and of intensity of uniform changes in appearance*, or by procedures agreed between the interested parties.

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