



# SLOVENSKI STANDARD SIST EN ISO 6860:2006

01-maj-2006

BUXca Yý U.  
SIST EN ISO 6860:1997

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Paints and varnishes - Bend test (conical mandrel) (ISO 6860:2006)

Beschichtungsstoffe i Dornbiegeversuch (mit konischem Dorn) (ISO 6860:2006)

Peintures et vernis - Essai de pliage (mandrin conique) (ISO 6860:2006)

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Ta slovenski standard je istoveten z: **EN ISO 6860:2006**

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**ICS:**

87.040

Barve in laki

Paints and varnishes

**SIST EN ISO 6860:2006**

**en**

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN ISO 6860**

March 2006

ICS 87.040

Supersedes EN ISO 6860:1995

English Version

**Paints and varnishes - Bend test (conical mandrel) (ISO  
6860:2006)**

Peintures et vernis - Essai de pliage (mandrin conique)  
(ISO 6860:2006)

Beschichtungsstoffe - Dornbiegeversuch (mit konischem  
Dorn) (ISO 6860:2006)

This European Standard was approved by CEN on 14 March 2006.

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.

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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, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

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EUROPEAN COMMITTEE FOR STANDARDIZATION  
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EUROPÄISCHES KOMITEE FÜR NORMUNG

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**EN ISO 6860:2006 (E)****Foreword**

This document (EN ISO 6860:2006) 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 September 2006, and conflicting national standards shall be withdrawn at the latest by September 2006.

This document supersedes EN ISO 6860:1995.

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, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

**Endorsement notice**

The text of ISO 6860:2006 has been approved by CEN as EN ISO 6860:2006 without any modifications.

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INTERNATIONAL  
STANDARD

ISO  
6860

Second edition  
2006-03-15

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

*Peintures et vernis — Essai de pliage (mandrin conique)*

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Reference number  
ISO 6860:2006(E)

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Published in Switzerland

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## ISO 6860:2006(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 6860 was prepared by Technical Committee ISO/TC 35, *Paints and varnishes*, Subcommittee SC 9, *General test methods for paints and varnishes*.

This second edition cancels and replaces the first edition (ISO 6860:1984), which has been technically revised. The main changes are:

- an indication of the rolling direction of aluminium panels has been added to Subclause 5.1;
- the diameter of the small end of the cone has been changed to  $(3,1 \pm 0,1)$  mm so that the apparatus standardized in ASTM fits into the International Standard;
- the text has been editorially revised.



## Introduction

This International Standard is one of five documents (see also ISO 1519, ISO 1520, ISO 6272-1 and ISO 6272-2) which specify empirical test procedures for assessing the resistance of coatings of paints, varnishes and related products to cracking and/or detachment from the substrate under different conditions of deformation.

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