



**SLOVENSKI STANDARD**  
**SIST EN ISO 20566:2007**  
**01-januar-2007**

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dca c`e`j]gc\_chU bY[ UdfUb`Uj`UVcfUrcf]f`fIGC`&\$)\*\*.&\$) L

Paints and varnishes - Determination of the scratch resistance of a coating system using a laboratory car-wash (ISO 20566:2005)

Beschichtungsstoffe - Prüfung der Kratzfestigkeit von Beschichtungen mit einer Laborwaschanlage (ISO 20566:2005)

**iTeh STANDARD PREVIEW**

Peintures et vernis - Détermination de la résistance à la rayure d'un système de peinture sur un poste de lavage automobile de laboratoire (ISO 20566:2005)

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**Ta slovenski standard je istoveten z: EN ISO 20566:2006**

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**ICS:**

43.020	Cestna vozila na splošno	Road vehicles in general
87.040	Barve in laki	Paints and varnishes

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**en**

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ICS 43.020; 87.040

English Version

Paints and varnishes - Determination of the scratch resistance  
of a coating system using a laboratory car-wash (ISO  
20566:2005)

Peintures et vernis - Détermination de la résistance à la  
rayure d'un système de peinture sur un poste de lavage  
automobile de laboratoire (ISO 20566:2005)

Beschichtungsstoffe - Prüfung der Kratzfestigkeit von  
Beschichtungen mit einer Laborwaschanlage (ISO  
20566:2005)

This European Standard was approved by CEN on 11 September 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.

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  
COMITÉ EUROPÉEN DE NORMALISATION  
EUROPÄISCHES KOMITEE FÜR NORMUNG

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

## Foreword

The text of ISO 20566:2005 has been prepared by Technical Committee ISO/TC 35 "Paints and varnishes" of the International Organization for Standardization (ISO) and has been taken over as EN ISO 20566:2006 by 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 April 2007, and conflicting national standards shall be withdrawn at the latest by April 2007.

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 20566:2005 has been approved by CEN as EN ISO 20566:2006 without any modifications.

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**Paints and varnishes — Determination  
of the scratch resistance of a coating  
system using a laboratory car-wash**

*Peintures et vernis — Détermination de la résistance à la rayure d'un  
système de peinture sur un poste de lavage automobile de laboratoire*

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**Contents**

Page

<b>Foreword</b> .....	<b>iv</b>
<b>Introduction</b> .....	<b>v</b>
<b>1 Scope</b> .....	<b>1</b>
<b>2 Normative references</b> .....	<b>1</b>
<b>3 Apparatus</b> .....	<b>1</b>
<b>4 Materials</b> .....	<b>3</b>
<b>5 Sampling</b> .....	<b>3</b>
<b>6 Test panels</b> .....	<b>3</b>
<b>7 Procedure</b> .....	<b>3</b>
<b>8 Evaluation</b> .....	<b>4</b>
<b>9 Precision</b> .....	<b>4</b>
<b>10 Test report</b> .....	<b>4</b>
<b>Annex A (normative) Monitoring and calibration of the washing equipment</b> .....	<b>6</b>
<b>Bibliography</b> .....	<b>8</b>

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## 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 20566 was prepared by Technical Committee ISO/TC 35, *Paints and varnishes*, Subcommittee SC 9, *General test methods for paints and varnishes*.

It is based on the German standard DIN 55668, *Beschichtungsstoffe — Prüfung der Kratzfestigkeit von Beschichtungen mit einer Laborwaschanlage* (Paints and varnishes — Determination of scratch resistance of coating systems using a laboratory car wash).

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## Introduction

With this test procedure, it is important to note that the test results will not, over time, remain constant, as a result of changes to the brush material. As the brush ages, the test will become more severe. As a result, the test procedure is suitable only for comparative tests carried out at any one time and using relatively short runs. Readings obtained using equipment which has accumulated different total numbers of operating hours are not comparable with each other.

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