SLOVENSKI STANDARD
oSIST prEN ISO 20566:2010

01-oktober-2010

Barve in laki - Ugotavljanje odpornosti premaznega sistema proti razenju s pomočjo visokotlačnega pranja v laboratoriju (ISO/DIS 20566:2010)

Paints and varnishes - Determination of the scratch resistance of a coating system using a laboratory-scale car-wash (ISO/DIS 20566:2010)

Beschichtungsstoffe - Bestimmung der Kratzbeständigkeit von Beschichtungen mit einer Laborwaschanlage (ISO/DIS 20566:2010)

Peintures et vernis - Détermination de la résistance à la rayure d'un système de peinture sur un poste de lavage automobile de laboratoire (ISO/DIS 20566:2010)

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Ta slovenski standard je istoveten z: **prEN ISO 20566**

ICS:

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

oSIST prEN ISO 20566:2010 **en,fr,de**

2003-01.Slovenski inštitut za standardizacijo. Razmnoževanje celote ali delov tega standarda ni dovoljeno.

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EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

DRAFT
prEN ISO 20566

July 2010

ICS 43.020; 87.040

Will supersede EN ISO 20566:2006

English Version

Paints and varnishes - Determination of the scratch resistance of a coating system using a laboratory-scale car-wash (ISO/DIS 20566:2010)

Peintures et vernis - Détermination de la résistance à la rayure d'un système de peinture sur un poste de lavage automobile de laboratoire (ISO/DIS 20566:2010)

Beschichtungsstoffe - Bestimmung der Kratzbeständigkeit von Beschichtungen mit einer Laborwaschanlage (ISO/DIS 20566:2010)

This draft European Standard is submitted to CEN members for parallel enquiry. It has been drawn up by the Technical Committee CEN/TC 139.

If this draft becomes a European Standard, 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.

This draft European Standard was established by CEN 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 CEN Management Centre has the same status as the official versions.

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Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

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

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oSIST prEN ISO 20566:2010

Foreword

This document (prEN ISO 20566:2010) 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 document is currently submitted to the parallel Enquiry.

This document will supersede EN ISO 20566:2006.

Endorsement notice

The text of ISO/DIS 20566:2010 has been approved by CEN as a prEN ISO 20566:2010 without any modification.

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DRAFT INTERNATIONAL STANDARD ISO/DIS 20566

ISO/TC **35**/SC **9** Secretariat: **BSI**

Voting begins on: **2010-07-29**

Voting terminates on: **2010-12-29**

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Paints and varnishes — Determination of the scratch resistance of a coating system using a laboratory-scale 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

[Revision of first edition (ISO 20566:2005)]

ICS 43.020; 87.040

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ISO/CEN PARALLEL PROCESSING

This draft has been developed within the International Organization for Standardization (ISO), and processed under the **ISO-lead** mode of collaboration as defined in the Vienna Agreement.

This draft is hereby submitted to the ISO member bodies and to the CEN member bodies for a parallel five-month enquiry.

Should this draft be accepted, a final draft, established on the basis of comments received, will be submitted to a parallel two-month approval vote in ISO and formal vote in CEN.

To expedite distribution, this document is circulated as received from the committee secretariat. ISO Central Secretariat work of editing and text composition will be undertaken at publication stage.

Pour accélérer la distribution, le présent document est distribué tel qu'il est parvenu du secrétariat du comité. Le travail de rédaction et de composition de texte sera effectué au Secrétariat central de l'ISO au stade de publication.

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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*.

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This second edition cancels and replaces the first edition (ISO 20566:2005), which has been technically revised. The main technical changes are:

a) a 'terms and definitions' clause has been added, defining the terms mar, scratch, scratch resistance, double pass, test area and reflow effect;

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b) tolerances have been added to any figures;

c) the spread of jet has been changed from 60° to 65°;

d) a specification of the thickness of test panels has been added;

e) the procedure has been stated more precisely;

f) visual examination of the test panels has been added;

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Introduction

With this testing 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 brushes age the test will become more severe. Additionally, a relation of the position of the test sample on the test panel holder was observed. As a result, the test procedure is suitable only for comparative tests at any one time for relatively short runs. The absolute readings attained for different numbers of operating hours are not comparable with each other.

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