

SLOVENSKI STANDARD

SIST EN ISO 21227-3:2007

01-julij-2007

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Paints and varnishes - Evaluation of defects on coated surfaces using optical imaging - Part 3: Evaluation of delamination and corrosion around a scribe (ISO 21227-3:2007)

Beschichtungsstoffe - Beurteilung von Beschichtungsschäden mittels digitaler Bildverarbeitung - Teil 3: Auswertung der von einem Ritz ausgehenden Enthaftung und Korrosion (ISO 21227-3:2007)

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Peintures et vernis - Évaluation par imagerie optique des défauts des surfaces revetues - Partie 3: Évaluation du décollement et de la corrosion autour d'une rayure (ISO 21227-3:2007)

Ta slovenski standard je istoveten z: **EN ISO 21227-3:2007**

ICS:

87.040

Barve in laki

Paints and varnishes

SIST EN ISO 21227-3:2007

en;fr;de

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English Version

Paints and varnishes - Evaluation of defects on coated surfaces
using optical imaging - Part 3: Evaluation of delamination and
corrosion around a scribe (ISO 21227-3:2007)

Peintures et vernis - Évaluation par imagerie optique des
défauts des surfaces revêtues - Partie 3: Évaluation du
décollement et de la corrosion autour d'une rayure (ISO
21227-3:2007)

Beschichtungsstoffe - Beurteilung von
Beschichtungsschäden mittels digitaler Bildverarbeitung -
Teil 3: Auswertung der von einem Ritz ausgehenden
Enthftung und Korrosion (ISO 21227-3:2007)

This European Standard was approved by CEN on 31 March 2007.

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 CEN Management Centre 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 CEN Management Centre has the same status as the official versions.

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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

This document (EN ISO 21227-3:2007) 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 October 2007, and conflicting national standards shall be withdrawn at the latest by October 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, Bulgaria, 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 21227-3:2007 has been approved by CEN as EN ISO 21227-3:2007 without any modifications.

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**Paints and varnishes — Evaluation of
defects on coated surfaces using optical
imaging —**

**Part 3:
Evaluation of delamination and corrosion
around a scribe**

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*Peintures et vernis — Évaluation par imagerie optique des défauts des
surfaces revêtues —*

*Partie 3: Évaluation du décollement et de la corrosion autour d'une
rayure*

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Case postale 56 • CH-1211 Geneva 20
Tel. + 41 22 749 01 11
Fax + 41 22 749 09 47
E-mail copyright@iso.org
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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 21227-3 was prepared by Technical Committee ISO/TC 35, *Paints and varnishes*, Subcommittee SC 9, *General test methods for paints and varnishes*.

ISO 21227 consists of the following parts, under the general title *Paints and varnishes — Evaluation of defects on coated surfaces using optical imaging*: (standards.iteh.ai)

— Part 1: General guidance

— Part 2: Evaluation procedure for multi-impact stone-chipping test

— Part 3: Evaluation of delamination and corrosion around a scribe

Introduction

The conventional ISO test methods for evaluating surface defects and changes in appearance often utilize pictorial standards which depict particular types of surface deterioration and require human visual evaluation. The technology and procedures described in this part of ISO 21227 can yield more objective, accurate, quantitative and reproducible results when compared to the human visual evaluation techniques.

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