



SLOVENSKI STANDARD

SIST EN ISO 4628-8:2005

01-julij-2005

6 Uf j Y]b~U_]!Cj fYXbchYb~YdfcdUXUb~UdfYa Uncj !I [cHJ~Ub~YcVgY[U]b
j Y]_cgh]dcy_cXV~hyf]bhYbn]hYhYbU_ca Yfb] `gdfYa Ya V`j]XYnU! , "XY.
CWb~Yj Ub~YghcdhY~i y Yb~U]b~cfcn]YcVfYni `fGC`(* & !, .&\$ \$) L

Paints and varnishes - Evaluation of degradation of coatings - Designation of quantity and size of defects, and of intensity of uniform changes in appearance - Part 8: Assessment of degree of delamination and corrosion around a scribe (ISO 4628-8:2005)

(standards.iteh.ai)

Beschichtungsstoffe - Beurteilung von Beschichtungsschäden -- Beurteilung der Menge und der Größe von Schäden und der Intensität von gleichmäßigen Veränderungen im Aussehen - Teil 8: Bewertung der von einem Ritz ausgehenden Enthaftung und Korrosion (ISO 4628-8:2005)

Peintures et vernis - Evaluation de la dégradation des revêtements - Désignation de la quantité et de la dimension des défauts, et de l'intensité des changements uniformes d'aspect - Partie 8: Evaluation du degré de décollement et de corrosion autour d'une rayure (ISO 4628-8:2005)

Ta slovenski standard je istoveten z: EN ISO 4628-8:2005

ICS:

87.040

Barve in laki

Paints and varnishes

SIST EN ISO 4628-8:2005

en

iTeh STANDARD PREVIEW
(standards.iteh.ai)

SIST EN ISO 4628-8:2005

<https://standards.iteh.ai/catalog/standards/sist/0fb58d5f-ef44-48ce-89d5-f093b987b770/sist-en-iso-4628-8-2005>

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN ISO 4628-8

March 2005

ICS 87.040

English version

**Paints and varnishes - Evaluation of degradation of coatings -
Designation of quantity and size of defects, and of intensity of
uniform changes in appearance - Part 8: Assessment of degree
of delamination and corrosion around a scribe (ISO 4628-
8:2005)**

Peintures et vernis - Evaluation de la dégradation des
revêtements - Désignation de la quantité et de la dimension
des défauts, et de l'intensité des changements uniformes
d'aspect - Partie 8: Evaluation du degré de décollement et
de corrosion autour d'une rayure (ISO 4628-8:2005)

Beschichtungsstoffe - Beurteilung von
Beschichtungsschäden -- Beurteilung der Menge und der
Größe von Schäden und der Intensität von gleichmäßigen
Veränderungen im Aussehen - Teil 8: Bewertung der von
einem Ritz ausgehenden Enthaftung und Korrosion (ISO
4628-8:2005)

This European Standard was approved by CEN on 14 February 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 4628-8:2005 (E)**Foreword**

This document (EN ISO 4628-8:2005) 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 September 2005, and conflicting national standards shall be withdrawn at the latest by September 2005.

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 4628-8:2005 has been approved by CEN as EN ISO 4628-8:2005 without any modifications.

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST EN ISO 4628-8:2005](https://standards.iteh.ai/catalog/standards/sist/0fb58d5f-ef44-48ce-89d5-f093b987b770/sist-en-iso-4628-8-2005)

<https://standards.iteh.ai/catalog/standards/sist/0fb58d5f-ef44-48ce-89d5-f093b987b770/sist-en-iso-4628-8-2005>

INTERNATIONAL
STANDARDISO
4628-8First edition
2005-03-01

**Paints and varnishes — Evaluation of
degradation of coatings — Designation of
quantity and size of defects, and of
intensity of uniform changes in
appearance —****Part 8:
Assessment of degree of delamination
and corrosion around a scribe**[SIST EN ISO 4628-8:2005](https://standards.iteh.ai/catalog/standards/sist/en-iso-4628-8-2005)

<https://standards.iteh.ai/catalog/standards/sist/en-iso-4628-8-2005>
*Peintures et vernis — Évaluation de la dégradation des revêtements —
Designation de la quantité et de la dimension des défauts, et de
l'intensité des changements uniformes d'aspect —*

*Partie 8: Évaluation du degré de décollement et de corrosion autour
d'une rayure*

Reference number
ISO 4628-8:2005(E)

© ISO 2005

ISO 4628-8:2005(E)

PDF disclaimer

This PDF file may contain embedded typefaces. In accordance with Adobe's licensing policy, this file may be printed or viewed but shall not be edited unless the typefaces which are embedded are licensed to and installed on the computer performing the editing. In downloading this file, parties accept therein the responsibility of not infringing Adobe's licensing policy. The ISO Central Secretariat accepts no liability in this area.

Adobe is a trademark of Adobe Systems Incorporated.

Details of the software products used to create this PDF file can be found in the General Info relative to the file; the PDF-creation parameters were optimized for printing. Every care has been taken to ensure that the file is suitable for use by ISO member bodies. In the unlikely event that a problem relating to it is found, please inform the Central Secretariat at the address given below.

iTeh STANDARD PREVIEW (standards.iteh.ai)

[SIST EN ISO 4628-8:2005](https://standards.iteh.ai/catalog/standards/sist/0fb58d5f-ef44-48ce-89d5-f093b987b770/sist-en-iso-4628-8-2005)

<https://standards.iteh.ai/catalog/standards/sist/0fb58d5f-ef44-48ce-89d5-f093b987b770/sist-en-iso-4628-8-2005>

© ISO 2005

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
Case postale 56 • CH-1211 Geneva 20
Tel. + 41 22 749 01 11
Fax + 41 22 749 09 47
E-mail copyright@iso.org
Web www.iso.org

Published in Switzerland

Contents

Page

Foreword	iv
Introduction	v
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Principle	2
5 Procedure	2
6 Calculation and expression of results	4
7 Test report	5
Bibliography	7

iTeh STANDARD PREVIEW (standards.iteh.ai)

[SIST EN ISO 4628-8:2005](https://standards.iteh.ai/catalog/standards/sist/0fb58d5f-ef44-48ce-89d5-f093b987b770/sist-en-iso-4628-8-2005)

<https://standards.iteh.ai/catalog/standards/sist/0fb58d5f-ef44-48ce-89d5-f093b987b770/sist-en-iso-4628-8-2005>

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 4628-8 was prepared by Technical Committee ISO/TC 35, *Paints and varnishes*, Subcommittee SC 9, *General test methods for paints and varnishes*.

ISO 4628 consists of the following parts, under the general title *Paints and varnishes — Evaluation of degradation of coatings — Designation of quantity and size of defects, and of intensity of uniform changes in appearance*:

- *Part 1: General introduction and designation system*
- *Part 2: Assessment of degree of blistering*
- *Part 3: Assessment of degree of rusting*
- *Part 4: Assessment of degree of cracking*
- *Part 5: Assessment of degree of flaking*
- *Part 6: Assessment of degree of chalking by tape method*
- *Part 7: Assessment of degree of chalking by velvet method*
- *Part 8: Assessment of degree of delamination and corrosion around a scribe*
- *Part 10: Assessment of degree of filiform corrosion*

ISO 4628-1 defines the system to be used for designating the quantity and size of defects and the intensity of changes in appearance of coatings and outlines the general principles of the system. This system is intended to be used, in particular, for defects caused by ageing and weathering, and for uniform changes such as colour changes, for example yellowing.

The other parts of ISO 4628 provide pictorial standards or other means for evaluating particular types of defect. As far as possible, already existing evaluation schemes have been used as the basis.

Introduction

After exposure of a coated and scribed test panel in a corrosive environment, the following phenomena can occur around the scribe:

- delamination;
- corrosion.

A combination of both phenomena can also occur.

It is recommended that delamination and corrosion around the scribe be evaluated separately to obtain more detailed information about the coating system.

In addition to the procedure described in this part of ISO 4628, assessments of delamination and corrosion around the scribe can be carried out using optical image processing.

Rating of other defects is described in other parts of ISO 4628.

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST EN ISO 4628-8:2005](https://standards.iteh.ai/catalog/standards/sist/0fb58d5f-ef44-48ce-89d5-f093b987b770/sist-en-iso-4628-8-2005)

<https://standards.iteh.ai/catalog/standards/sist/0fb58d5f-ef44-48ce-89d5-f093b987b770/sist-en-iso-4628-8-2005>