

Coil coated metals - Test methods - Part 23: Colour stability in humid atmospheres containing sulfur dioxide

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EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 13523-23:2002 sisaldab Euroopa standardi EN 13523-23:2002 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 18.10.2002 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 13523-23:2002 consists of the English text of the European standard EN 13523-23:2002.</p> <p>This document is endorsed on 18.10.2002 with the notification being published in the official publication of the Estonian national standardisation organisation.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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<p>Käsitlusala:</p> <p>This Part of EN 13523 defines terms of the procedure for determining the colour stability of an organic coating on a metallic substrate when exposed to humid atmospheres containing sulfur dioxide. This method has been designed to provide an accelerated test for evaluating the colour fastness of coil coated products in atmospheres containing sulfur dioxide (typical of industrial atmospheres).</p>	<p>Scope:</p> <p>This Part of EN 13523 defines terms of the procedure for determining the colour stability of an organic coating on a metallic substrate when exposed to humid atmospheres containing sulfur dioxide. This method has been designed to provide an accelerated test for evaluating the colour fastness of coil coated products in atmospheres containing sulfur dioxide (typical of industrial atmospheres).</p>
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ICS 17.180.20, 25.220.60

Võtmesõnad: coating materials, coatings, colour fastness, colourfastness, industrial atmosphere, metal coating, metals, paints, resistance, sulphur dioxide, testing

ICS 17.180.20; 25.220.60

English version

Coil coated metals - Test methods - Part 23: Colour stability in humid atmospheres containing sulfur dioxide

Tôles prélaquées - Méthodes d'essai - Partie 23: Stabilité des couleurs en atmosphère humide contenant du dioxyde de soufre

Bandbeschichtete Metalle - Prüfverfahren - Teil 23: Beständigkeit der Farbe in feuchten, Schwefeldioxid enthaltenden Atmosphären

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

Foreword

This document EN 13523-23:2002 has been prepared 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 January 2003, and conflicting national standards shall be withdrawn at the latest by January 2003.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

Introduction

Previous work by the European Coil Coating Association (ECCA) has established that this test method is not a reliable or reproducible test for assessing the degree of corrosion on coil coated products, but that the test method may be used to evaluate the colour fastness of coil coated products.

The test method has been aligned with EN ISO 3231:1997, except for the amount of sulfur dioxide.

1 Scope

This Part of EN 13523 defines terms of the procedure for determining the colour stability of an organic coating on a metallic substrate when exposed to humid atmospheres containing sulfur dioxide.

This method has been designed to provide an accelerated test for evaluating the colour fastness of coil coated products in atmospheres containing sulfur dioxide (typical of industrial atmospheres).

2 Normative references

This European Standard incorporates, by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text, and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

EN 13523-0:2001, *Coil coated metals — Test methods — Part 0: General introduction and list of test methods*.

EN 13523-3:2001, *Coil coated metals — Test methods — Part 3: Colour difference — Instrumental comparison*.

prEN 13523-22, *Coil coated metals — Test methods — Part 22: Colour difference — Visual comparison*.

EN 23270:1991, *Paints and varnishes and their raw materials — Temperatures and humidities for conditioning and testing (ISO 3270:1984)*.