BS EN ISO 4623-2:2016

BSI Standards Publication

Paints and varnishes — Determination of resistance to filiform corrosion

Part 2: Aluminium substrates (ISO 4623-2:2016)

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National foreword

This British Standard is the UK implementation of EN ISO 4623-2:2016. It supersedes BS EN ISO 4623-2:2004 which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee STI/10, Test methods for paints.

A list of organizations represented on this committee can be obtained on request to its secretary.

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Beschichtungsstoffe - Bestimmung der Beständigkeit gegen Filiformkorrosion - Teil 2: Aluminium als Substrat (ISO 4623-2:2016)

This European Standard was approved by CEN on 23 July 2016.

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European foreword

This document (EN ISO 4623-2:2016) 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of an identical text or by endorsement, at the latest by February 2017, and conflicting national standards shall be withdrawn at the latest by February 2017.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN ISO 4623-2:2004.

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Endorsement notice

The text of ISO 4623-2:2016 has been approved by CEN as EN ISO 4623-2:2016 without any modification.

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Document Sharing Hub

Full document details: BS EN ISO 4623-2:2016

Contents

Page

Foreword ..... **iv**
Introduction ..... **v**
1 Scope **1**
2 Normative references **1**
3 Terms and definitions **1**
4 Principle **2**
5 Sampling **2**
6 Apparatus **2**
7 Reagents **2**
8 Test panels **2**
8.1 Material and dimensions 2
8.2 Preparation and coating 3
8.3 Drying and conditioning 3
8.4 Thickness of coating 3
9 Procedure **3**
9.1 Determination 3
9.2 Scribing the test panels 3
9.3 Testing 5
9.4 Inspection of test panels 5
10 Evaluation of the degree of filiform corrosion **5**
11 Precision **5**
12 Test report **5**
Bibliography **7**

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Document Sharing Hub
Full document details: BS EN ISO 4623-2:2016

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.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see the following URL: www.iso.org/iso/foreword.html.

The committee responsible for this document is ISO/TC 35, *Paints and varnishes*, Subcommittee SC 9, *General test methods for paints and varnishes*.

This second edition cancels and replaces the first edition (ISO 4623-2:2003), which has been technically revised. It also incorporates the Technical Corrigendum ISO 4623-2:2003/Cor 1:2005. The following main changes have been made:

a) duplicate determination has been changed to triplicate determination;

b) information on the shape of the scribe marks has been added;

c) the width of the scribe marks has been changed to be in line with EN 3665;

d) a note on using the CASS test for initiating filiform corrosion was added;

e) the supplementary test conditions previously in Annex A have been integrated in the test report.

ISO 4623 consists of the following parts, under the general title *Paints and varnishes — Determination of resistance to filiform corrosion*:

— *Part 1: Steel substrates*

— *Part 2: Aluminium substrates*

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