Coil coated metals - Test methods - Part 18: Resistance to staining

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EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

8:2002 consists of the English text of the uropean standard EN 13523-18:2002.
his document is endorsed on 18.10.2002 with the notification being published in the fficial publication of the Estonian national tandardisation organisation.
he standard is available from Estonian tandardisation organisation.
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Käsitlusala:	Scope:
Käsitlusala:	Scope:
This Part of EN 13523 specifies test	This Part of EN 13523 specifies test
procedures for assessing the effect of	procedures for assessing the effect of
chemicals on the characteristics of an	chemicals on the characteristics of an
organic coating on a metallic substrate. It	organic coating on a metallic substrate. It
covers testing by using defined	covers testing by using defined
substances and to assess the change in	substances and to assess the change in
characteristics such as discoloration,	characteristics such as discoloration,
change in gloss, blistering, softening,	change in gloss, blistering, softening,
swelling and loss of adhesion.	swelling and loss of adhesion.
Assessment of other phenomena may be	Assessment of other phenomena may be
agreed between the interested parties.	agreed between the interested parties.

ICS 17.040, 25.220

Võtmesõnad: coating materials, coatings, condensation, metal coating, metals, paints, resistance, specification (approval), specifications, stain, testing, water

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EUROPEAN STANDARD NORME EUROPÉENNE **EUROPÄISCHE NORM**

EN 13523-18

July 2002

ICS 17.040.20; 25.220.60

English version

Coil coated metals - Test methods - Part 18: Resistance to staining

Tôles prélaquées - Méthodes d'essai - Partie 18: Résistance aux tâches

Bandbeschichtete Metalle - Prüfverfahren - Teil 18: Beständigkeit gegen Fleckenbildung

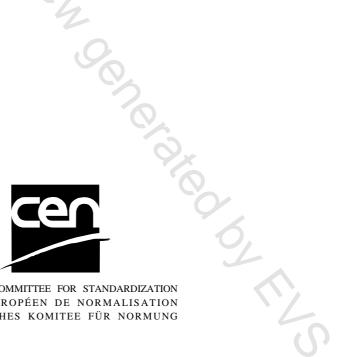
This European Standard was approved by CEN on 11 April 2002.

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

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Foreword

This document EN 13523-18:2002 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.

1 Scope

This Part of EN 13523 specifies test procedures for assessing the effect of chemicals on the characteristics of an organic coating on a metallic substrate. It covers testing by using defined substances and to assess the change in characteristics such as discoloration, change in gloss, blistering, softening, swelling and loss of adhesion. Assessment of other phenomena may be agreed between the interested parties.

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

3 Terms and definitions

For the purposes of this Part of EN 13523, the terms and definitions given in EN 13523-0:2001 apply.

4 Principle

A coated test panel or a flat surface on a fabricated article is exposed to an individual substance for an agreed period of time. Three different test procedures can be used, as described in 4.1 to 4.3.

4.1 Spot test (covered)

The substance is placed on the test panel and immediately covered with a watch glass.