

SVENSK STANDARD

SS-EN 13523-11:2019

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Bandlackerade metaller – Provningsmetoder – Del 11: Bestämning av hårdighet mot lösningsmedel

Coil coated metals – Test methods – Part 11: Resistance to solvents (rubbing test)

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Europastandarden EN 13523-11:2019 gäller som svensk standard. Detta dokument innehåller den officiella engelska versionen av EN 13523-11:2019.

Denna standard ersätter SS-EN 13523-11:2011, utgåva 2.

The European Standard EN 13523-11:2019 has the status of a Swedish Standard. This document contains the official version of EN 13523-11:2019.

This standard supersedes the SS-EN 13523-11:2011, edition 2.

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Denna standard är framtagen av kommittén för Färg och lack, SIS/TK 433.

Har du synpunkter på innehållet i den här standarden, vill du delta i ett kommande revideringsarbete eller vara med och ta fram andra standarder inom området? Gå in på www.sis.se - där hittar du mer information.

EUROPEAN STANDARD

EN 13523-11

NORME EUROPÉENNE

EUROPÄISCHE NORM

September 2019

ICS 25.220.60

Supersedes EN 13523-11:2011

English Version

Coil coated metals - Test methods - Part 11: Resistance to solvents (rubbing test)

Tôles prélaquées - Méthodes d'essai - Partie 11 :
Résistance aux solvants (essai de frottement)

Bandbeschichtete Metalle - Prüfverfahren - Teil 11:
Beständigkeit gegen Lösemittel (Reibtest)

This European Standard was approved by CEN on 1 July 2019.

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-CENELEC 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-CENELEC 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

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

SS-EN 13523-11:2019 (E)

Contents		Page
European foreword		3
1	Scope	5
2	Normative references	5
3	Terms and definitions	5
4	Principle	5
5	Material	5
6	Apparatus	6
7	Sampling	6
8	Test panels	6
9	Test conditions	6
10	Procedure	7
11	Expression of results	7
12	Precision	7
13	Test report	7
Bibliography		8

European foreword

This document (EN 13523-11:2019) 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 March 2020, and conflicting national standards shall be withdrawn at the latest by March 2020.

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

This document supersedes EN 13523-11:2011.

The main changes compared to EN 13523-11:2011 are:

- a) the absorbent material is described in more detail: e.g. synthetic material shall not be used;
- b) other solvents such as acetone and methyl isobutyl ketone are also allowed;
- c) the description of the test panel is given in more details;
- d) it is stated that the solvent used shall be also at room temperature before use;
- e) it is amended that visual inspection of the rubbed area shall be carried out during the test and immediately after the rubbing operation;
- f) “strokes” are changed to “rubs”;
- g) a figure of the test apparatus is added;
- h) items c), f) and i) have been added to the test report (Clause 13);
- i) the text has been editorially revised and the normative references have been updated.

The EN 13523 series, *Coil coated metals — Test methods*, consists of the following parts:

- *Part 0: General introduction*
- *Part 1: Film thickness*
- *Part 2: Gloss*
- *Part 3: Colour difference — Instrumental comparison*
- *Part 4: Pencil hardness*
- *Part 5: Resistance to rapid deformation (impact test)*
- *Part 6: Adhesion after indentation (cupping test)*
- *Part 7: Resistance to cracking on bending (T-bend test)*

SS-EN 13523-11:2019 (E)

- *Part 8: Resistance to salt spray (fog)*
- *Part 9: Resistance to water immersion*
- *Part 10: Resistance to fluorescent UV radiation and water condensation*
- *Part 11: Resistance to solvents (rubbing test)*
- *Part 12: Resistance to scratching*
- *Part 13: Resistance to accelerated ageing by the use of heat*
- *Part 14: Chalking (Helmen method)*
- *Part 15: Metamerism*
- *Part 16: Resistance to abrasion*
- *Part 17: Adhesion of strippable films*
- *Part 18: Resistance to staining*
- *Part 19: Panel design and method of atmospheric exposure testing*
- *Part 20: Foam adhesion*
- *Part 21: Evaluation of outdoor exposed panels*
- *Part 22: Colour difference — Visual comparison*
- *Part 23: Resistance to humid atmospheres containing sulfur dioxide*
- *Part 24: Resistance to blocking and pressure marking*
- *Part 25: Resistance to humidity*
- *Part 26: Resistance to condensation of water*
- *Part 27: Resistance to humid poultice (Cataplasm test)*
- *Part 29: Resistance to environmental soiling (Dirt pick-up and striping)*

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