Kontinuálne lakované kovy Skúšobné metódy Časť 6: Priľnavosť po skúške hĺbením O3 8761

Coil coated metals - Test methods - Part 6: Adhesion after indentation (cupping test)

Táto norma obsahuje anglickú verziu európskej normy. This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 10/20

Obsahuje: EN 13523-6:2020

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English Version

Coil coated metals - Test methods - Part 6: Adhesion after indentation (cupping test)

Tôles prélaquées - Méthodes d'essai - Partie 6 : Adhérence après indentation (essai d'emboutissage)

Bandbeschichtete Metalle - Prüfverfahren - Teil 6: Haftfestigkeit nach Eindrücken (Tiefungsprüfung)

This European Standard was approved by CEN on 3 May 2020.

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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

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European foreword

This document (EN 13523-6:2020) 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of an identical text or by endorsement, at the latest by December 2020, and conflicting national standards shall be withdrawn at the latest by December 2020.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 13523-6:2002.

The main changes are:

- a) the period of ageing has been changed from 1 h to agreement prior to the test (8.4);
- b) the time of ageing has been added to the test report;
- c) 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)
- 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)

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- 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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1 Scope

This document defines terms of the procedure for determining the adhesion of an organic coating to a metallic substrate after indentation produced by slow deformation.

The resistance to cracking can also be evaluated.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 13523-0, Coil coated metals — Test methods — Part 0: General introduction

EN 23270, Paints and varnishes and their raw materials — Temperatures and humidities for conditioning and testing (ISO 3270)

EN 60454-2, Specification for pressure-sensitive adhesive tapes for electrical purposes — Part 2: Methods of test

EN ISO 1520, Paints and varnishes — Cupping test (ISO 1520)

koniec náhľadu – text ďalej pokračuje v platenej verzii STN