SLOVENSKI STANDARD
kSIST FprEN 13523-9:2014

01-marec-2014

Prevlečene kovine, ki se navijajo - Preskusne metode - 9. del: Odpornost proti potapljanju v vodi

Coil coated metals - Test methods - Part 9: Resistance to water immersion

Bandbeschichtete Metalle - Prüfverfahren - Teil 9: Beständigkeit gegen Eintauchen in Wasser

Tôles prélaquées - Méthodes d'essai - Partie 9: Résistance à l'immersion dans l'eau

Ta slovenski standard je istoveten z: **FprEN 13523-9**

ICS:

17.040.20	Lastnosti površin	Properties of surfaces
25.220.60	Organske prevleke	Organic coatings

kSIST FprEN 13523-9:2014 **en,fr,de**

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

FINAL DRAFT
FprEN 13523-9

February 2014

ICS 25.220.60

Will supersede EN 13523-9:2001

English Version

Coil coated metals - Test methods - Part 9: Resistance to water immersion

Tôles prélaquées - Méthodes d'essai - Partie 9: Résistance à l'immersion dans l'eau

Bandbeschichtete Metalle - Prüfverfahren - Teil 9: Beständigkeit gegen Eintauchen in Wasser

This draft European Standard is submitted to CEN members for formal vote. It has been drawn up by the Technical Committee CEN/TC 139.

If this draft becomes a European Standard, 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.

This draft European Standard was established by CEN 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.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.

Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

Warning : This document is not a European Standard. It is distributed for review and comments. It is subject to change without notice and shall not be referred to as a European Standard.

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

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

Contents

Page

Foreword

This document (FprEN 13523-9:2014) has been prepared by Technical Committee CEN/TC 139 “Paints and varnishes”, the secretariat of which is held by DIN.

This document is currently submitted to the Formal Vote.

This document will supersede EN 13523-9:2001.

The main technical changes are:

a) in 5.3 the angle 15° to 20° to the vertical was revised;

b) in 5.5 the description of the cutting tool and cut was revised and aligned with EN 13523-19, i.e. 0,2 mm width;

c) in 8.2 “dry them in a stream of warm air” was changed to “Immediately after removal of the test panel from the tank”;

d) in 8.2.3 only one procedure for category 1 and category 2 coatings is specified for measuring corrosion creep;

e) for the expression of results in Clause 9 reference to EN ISO 4628-2 for blistering and EN ISO 4628-8 for delamination around a scribe was added;

f) in Figure A.1 an indication of the rolling direction was added.

EN 13523, *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)*

— *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)*