



BSI Standards Publication

Coil coated metals – Test methods

Part 6: Adhesion after indentation (cupping test)

National foreword

This British Standard is the UK implementation of EN 13523-6:2020. It supersedes BS EN 13523-6:2002, which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee STI/21, Paint systems and surface preparation for metallic substrates.

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

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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Compliance with a British Standard cannot confer immunity from legal obligations.

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Amendments/corrigenda issued since publication

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

Contents

Page

European foreword	iii
1 Scope	5
2 Normative references	5
3 Terms and definitions	5
4 Principle	5
5 Apparatus and materials	5
5.1 Cross-hatching device	5
5.2 Pressing device	5
5.3 Ageing device	6
5.5 Magnifying glass × 10	6
6 Sampling	6
7 Test panels	6
8 Procedure	6
8.1 Ambient conditions	6
8.2 Cross-hatching (not used for evaluation of resistance to cracking)	6
8.2.1 For coatings greater than or equal to 60 µm thickness (see Figure 1)	6
8.2.2 For coatings less than 60 µm thickness (see Figure 2)	7
8.3 Pressing	8
8.4 Ageing (optional and only for coatings greater than or equal to 60 µm thickness)	8
8.5 Assessment of adhesion	9
8.5.1 For coatings greater than or equal to 60 µm thickness	9
8.5.2 For coatings less than 60 µm thickness	9
8.6 Assessment of cracking (optional)	9
9 Expression of results	9
9.1 For coatings greater than or equal to 60 µm thickness	9
9.2 For coatings less than 60 µm thickness	9
9.3 Cracking	9
10 Precision	9
11 Test report	10
Bibliography	11

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)*
- *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*