

BS EN 13523-15:2015



BSI Standards Publication

Coil coated metals — Test methods

Part 15: Metamerism

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National foreword

This British Standard is the UK implementation of EN 13523-15:2015. It supersedes BS EN 13523-15:2002 which is withdrawn.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 issued since publication

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English Version

Coil coated metals - Test methods - Part 15: Metamerism

Tôles prélaquées - Méthodes d'essai - Partie 15:
Métamérisme

Bandbeschichtete Metalle - Prüfverfahren - Teil 15:
Metamerie

This European Standard was approved by CEN on 27 May 2015.

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European foreword

This document (EN 13523-15:2015) has been prepared by Technical Committee CEN/TC 139 “Paints and varnishes”, the secretariat of which is held by DIN.

This document supersedes EN 13523-15:2002.

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of an identical text or by endorsement, at the latest by January 2016, and conflicting national standards shall be withdrawn at the latest by January 2016.

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

The main technical changes are:

- a) the specification concerning the test illuminant of the spectrophotometer was amended;
- b) the formulas in Clause 9 were aligned with the current standards for colorimetry (EN ISO 11664-4) and metamerism index (DIN 6172);
- c) a reference to EN 13523-0 concerning conditioning of the test panels 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)*