



BSI Standards Publication

Coil coated metals — Test methods

Part 3: Colour difference and metamerism — Instrumental comparison

National foreword

This British Standard is the UK implementation of EN 13523-3:2021. It supersedes BS EN 13523-3:2014 and BS EN 13523-15:2015, which are withdrawn.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 committee manager.

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Amendments/corrigenda issued since publication

Date	Text affected
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English Version

Coil coated metals - Test methods - Part 3: Colour difference and metamerism - Instrumental comparison

Tôles prélaquées - Méthodes d'essai - Partie 3 :
Différence de couleur et métamérisme - Comparaison
au moyen d'instruments

Bandbeschichtete Metalle - Prüfverfahren - Teil 3:
Farbabstand und Metamerie - Farbmetrischer
Vergleich

This European Standard was approved by CEN on 16 August 2021.

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European foreword

This document (EN 13523-3:2021) 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of an identical text or by endorsement, at the latest by April 2022, and conflicting national standards shall be withdrawn at the latest by April 2022.

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 13523-3:2014 and EN 13523-15:2015.

The main changes are:

- a) the contents of EN 13523-3:2014 and EN 13523-15:2015 have been merged;
- b) the definition for metamerism index has been added (3.4);
- c) the list of the existing parts of EN 13523 has been updated;
- d) 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 and metamerism — 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*