



BSI Standards Publication

Coil coated metals — Test methods

Part 5: Resistance to rapid deformation (impact test)

National foreword

This British Standard is the UK implementation of EN 13523-5:2014. It supersedes BS EN 13523-5:2001 which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee STI/21, Surface preparation of steel.

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

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Amendments issued since publication

Date	Text affected
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EN 13523-5

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English Version

Coil coated metals - Test methods - Part 5: Resistance to rapid deformation (impact test)

Tôles prélaquées - Méthodes d'essai - Partie 5 : Résistance
à la déformation rapide (essai de choc)

Bandbeschichtete Metalle - Prüfverfahren - Teil 5:
Widerstandsfähigkeit gegen schnelle Verformung
(Schlagprüfung)

This European Standard was approved by CEN on 7 May 2014.

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Foreword

This document (EN 13523-5:2014) 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of an identical text or by endorsement, at the latest by December 2014, and conflicting national standards shall be withdrawn at the latest by December 2014.

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.

This document supersedes EN 13523-5:2001.

The main technical changes are:

- a) the limitation in the scope to coatings having a thickness of 60 µm maximum was deleted;
- b) a remark on preconditioning was added;
- c) details on the brands of the tape used were added;
- d) in addition to use a × 10 magnifying glass, the evaluation shall be carried out with normal corrected vision.

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*