

<b>STN</b>	<b>Kontinuálne lakované kovy Skúšobné metódy Časť 14: Kriedovanie (Helmenova metóda)</b>	<b>STN EN 13523-14</b>  03 8761
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Coil coated metals - Test methods - Part 14: Chalking (Helmen method)

Táto norma obsahuje anglickú verziu európskej normy.  
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 05/23

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EUROPEAN STANDARD

**EN 13523-14**

NORME EUROPÉENNE

EUROPÄISCHE NORM

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English Version

**Coil coated metals - Test methods - Part 14: Chalking  
(Helmen method)**Tôles prélaquées - Méthodes d'essai - Partie 14 :  
Farinage (méthode Helmen)Bandbeschichtete Metalle - Prüfverfahren - Teil 14:  
Kreiden (Verfahren nach Helmen)

This European Standard was approved by CEN on 6 February 2023.

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EUROPEAN COMMITTEE FOR STANDARDIZATION  
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EUROPÄISCHES KOMITEE FÜR NORMUNG**CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels**

**EN 13523-14:2023 (E)**

<b>Contents</b>		<b>Page</b>
<b>European foreword</b> .....		<b>3</b>
<b>1</b>	<b>Scope</b> .....	<b>5</b>
<b>2</b>	<b>Normative references</b> .....	<b>5</b>
<b>3</b>	<b>Terms and definitions</b> .....	<b>5</b>
<b>4</b>	<b>Principle</b> .....	<b>6</b>
<b>5</b>	<b>Apparatus</b> .....	<b>6</b>
<b>6</b>	<b>Sampling</b> .....	<b>6</b>
<b>7</b>	<b>Test specimens</b> .....	<b>6</b>
<b>8</b>	<b>Procedure</b> .....	<b>6</b>
<b>8.1</b>	<b>General</b> .....	<b>6</b>
<b>8.2</b>	<b>Checking the adhesive tape</b> .....	<b>6</b>
<b>8.3</b>	<b>Calibration</b> .....	<b>6</b>
<b>8.4</b>	<b>Measurement</b> .....	<b>6</b>
<b>9</b>	<b>Expression of results</b> .....	<b>7</b>
<b>10</b>	<b>Precision</b> .....	<b>7</b>
<b>11</b>	<b>Test report</b> .....	<b>7</b>
<b>Bibliography</b> .....		<b>8</b>

## European foreword

This document (EN 13523-14:2023) 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of an identical text or by endorsement, at the latest by September 2023, and conflicting national standards shall be withdrawn at the latest by September 2023.

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 13523-14:2014.

The main changes compared to the previous edition are listed below:

- a) the description of the test apparatus has been changed so that the glossmeter is preferred to the portable chalking apparatus, which is no longer manufactured;
- b) 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*
- *Part 14: Chalking (Helmen method)*
- *Part 16: Resistance to abrasion*

**EN 13523-14:2023 (E)**

- *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 (Cataplasma test)*
- *Part 29: Resistance to environmental soiling (Dirt pick-up and striping)*

Any feedback and questions on this document should be directed to the users' national standards body. A complete listing of these bodies can be found on the CEN website.

According to the CEN-CENELEC Internal Regulations, the national standards organisations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye and the United Kingdom.

**koniec náhľadu – text ďalej pokračuje v platenej verzii STN**