

Specification for

**Continuously hot-dip zinc
coated mild steel strip and
sheet for cold forming —**

Technical delivery conditions

The European Standard EN 10142 : 1990 with the incorporation of its amendment A1 : 1995 has the status of a British Standard

ICS 77.140.50

Committees responsible for this British Standard

The preparation of this British Standard was entrusted to Technical Committee ISE/10, Flat rolled steel products, upon which the following bodies were represented:

- British Railways Board
- British Steel Industry
- Cold Rolled Sections Association
- Society of Motor Manufacturers and Traders Limited

The following bodies were also represented in the drafting of the standard, through subcommittees and panels:

- British Welded Steel Tube Association
- Coated Metals Limited
- Department of the Environment (Property Services Agency)
- International Tin Research Institute
- Metal Roof Deck Association
- National Association of Steel Stockholders
- Paintmakers' Association of Great Britain Ltd.
- Zinc Development Association

This British Standard, having been prepared under the direction of the Engineering Sector Board, was published under the authority of the Standards Board and comes into effect on 15 June 1996

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The following BSI references relate to the work on this standard:
Committee reference ISE/10
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Amendments issued since publication

Amd No.	Date	Text affected
6932	November 1992	Superseded by AMD 8723
8723	May 1996	Throughout EN 10142

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National foreword

This British Standard has been prepared by Technical Committee ISE/10 and is the English language version of EN 10142 : 1990 *Continuously hot-dip zinc coated mild steel strip and sheet for cold forming — Technical delivery conditions*. In 1992, BSI published an amendment no.1 to correct typographical errors. In 1995, CEN published an amendment no.1 which has been adopted by BSI as amendment no.2 and incorporated in this edition of BS EN 10142.

Annex B comprises a summary of the former designations for steel types according to EN 10142 : 1990 and the new designations following the incorporation of amendment 1.

National annex NA gives the mechanical properties, mandrel diameters and coatings available for continuously hot dip coated flat products over greater thickness than 3 mm.

Cross-references

Publications referred to	Corresponding British Standard
EN 10002-1 : 1990	BS EN 10002 <i>Tensile testing of metallic materials</i> Part 1 : 1990 <i>Method of test at ambient temperature</i>
EN 10025 : 1993	BS EN 10025 : 1993 <i>Hot rolled products of non-alloy structural steels — Technical delivery conditions</i>
EN 10027-1 : 1992	BS EN 10027 <i>Designation systems for steel</i> Part 1 : 1992 <i>Steel names, principal symbols</i>
EN 10027-2 : 1991	Part 2 : 1992 <i>Steel numbers</i>
EN 10204 : 1991	BS EN 10204 : 1991 <i>Metallic products. Types of inspection documents</i>
EN 10079 : 1992	BS EN 10079 : 1993 <i>Definition of steel products</i>
EN 10142 : 1990	BS EN 10142 : 1991 <i>Specification for continuously hot-dip zinc coated low carbon steel sheet and strip for cold forming: technical delivery conditions</i>
EN 10143 : 1993	BS EN 10143 : 1993 <i>Continuously hot-dip coated steel sheet and strip. Tolerances on dimensions and shape</i>
EN 10147 : 1991	BS EN 10147 : 1992 <i>Specification for continuously hot-dip zinc coated structural steel sheet and strip. Technical delivery conditions</i>
EURONORM 12	BS 1639 : 1964 <i>Methods for bend testing of metals</i>

Compliance with a British Standard does not of itself confer immunity for legal obligations

ICS 77.140.50

Descriptors: Metal plates, steel strips, cold-working, hot-dip galvanizing, continuous coating, low carbon steels, delivery condition, designation, classification, grades, quality

English version

Continuously hot-dip zinc coated mild steel strip and sheet for cold forming — Technical delivery conditions

(includes amendment A1 : 1995)

Bandes a tôles en acier doux galvanisées à chaud
et en continu pour formage à froid — Conditions
techniques de livraison
(inclut l'amendement A1 : 1995)

Kontinuierlich feuerverzinktes Band und Blech aus
weichen Stählen zum Kaltumformen — Technische
Lieferbedingungen
(enthält Änderung A1 : 1995)

This European Standard was accepted by CEN on 4 August 1990, amendment A1 was accepted by CEN on 1995-05-10. CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Central Secretariat has the same status as the official versions.

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CEN

European Committee for Standardization
Comité Européen de Normalisation
Europäisches Komitee für Normung

Central Secretariat: rue de Stassart 36, B-1050 Brussels

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Foreword to Amendment 1

This amendment 1 to the European Standard EN 10142 has been prepared by Technical Committee ECISS/TC 27, Surface coated steel flat products, of which the secretariat is held by DIN.

During the 14th COCOR meeting on 27 and 28 May 1993 in Brussels, ECISS/TC 27 was charged to prepare an amendment of EN 10142 in order to work in the new designations according to EN 10027 : Part 1 and ECISS Information Circular IC 10 as well as the steel numbers according to EN 10027 : Part 2.

It is intended to issue a second version of EN 10142 as soon as this amendment is adopted.

This amendment to European Standard EN 10142 shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by December 1995, and conflicting national standards shall be withdrawn at the latest by December 1995.

According to the CEN/CENELEC Internal Regulations, the following countries are bound to implement this amendment 1 to European Standard EN 10142: Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

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