

Specification for

Continuously hot-dip zinc coated structural steel strip and sheet — Technical delivery conditions

The European Standard EN 10147:1991 with the incorporation of its amendment A1:1995 has the status of a British Standard

ICS 77.140.50

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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.:
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Amendments issued since publication

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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 10147:1991 *Continuously hot-dip zinc coated structural steel strip and sheet for cold forming — Technical delivery conditions*. It incorporates amendment 1:1995. Amendment No. 2 is published to correct typographical errors.

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> BS EN 10027 <i>Designation systems for steel</i>
EN 10027-1:1992	Part 1:1992 <i>Steel names, principal symbols</i>
EN 10027-2:1991	Part 2:1992 <i>Steel numbers</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>
EN 10204:1991	BS EN 10204:1991 <i>Metallic products. Types of inspection documents</i>
EURONORM 12	BS 1639:1964 <i>Methods for bend testing of metals</i>

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Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, the EN tile page, pages 2 to 12, an inside back cover and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.

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Descriptors: Iron and steel products, metal plates, steel strips, structural steels, unalloyed steels, hot-dip galvanizing, continuous coating, delivery conditions, designation, classifications, inspection, tests, marking

English version

Continuously hot-dip zinc coated structural steel strip and sheet — Technical delivery conditions

(includes amendment A1:1995)

Bandes et tôles en acier de construction
galvanisées à chaud en continue — Conditions
techniques de livraison
(inclut l'amendement A1:1995)

Kontinuierlich feuerverzinktes Band und Blech
aus Baustählen — Technische
Lieferbedingungen
(enthält Änderung A1:1995)

This European Standard was approved by CEN on 30 November 1991, amendment 1 was approved 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. It includes Amendment 1:1995 which was approved by CEN on 1995-05-10.

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.

CEN members are the national standards bodies of Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

CEN

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

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Foreword to EN 10147

This European Standard has been prepared by ECISS/TC 27, Surface coated steel flat products, the secretariat of which is held by Normenausschuss Eisen und Stahl (FES) in DIN.

It supersedes Euronorm 147 (1979) — Continuous hot-dip zinc coated unalloyed steel sheet and coil with specified minimum yield strengths for structural purposes; Quality standard.

The European Committee for Iron and Steel Standardization (ECISS) has allocated TC 27 the task of transforming Euronorm 147-79 into a European Standard (EN10147). This European Standard EN 10147 was approved by CEN on 30 November 1991.

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

Foreword to Amendment 1

This Amendment 1 to the European Standard EN 10147 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 10147 in order to work in the new designations according to EN 10027-1 and ECISS Information Circular IC 10 as well as the steel numbers according to EN 10027-2.

It is intended to issue a second version of EN 10147 as soon as this amendment is adopted.

This amendment to European Standard EN 10147 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 10147: Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

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