

Continuously organic coated (coil coated) steel flat products —

Part 1. General information (definitions, materials, tolerances, test methods)

The European Standard EN 10169-1 : 1996 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
- National Centre of Tribology
- Paintmakers Association of Great Britain Ltd.
- Zinc Development Association

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Amendments issued since publication

Amd. No.	Date	Text affected

The following BSI references relate to the work on this standard:
Committee reference ISE/10
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Contents

	Page
Committees responsible	Inside front cover
National foreword	ii
Foreword	5
Text of EN 10169-1	Inside back cover

National foreword

This British Standard has been prepared by Technical Committee ISE/10 and is the English language version of EN 10169-1 : 1996, *Continuously organic coated (coil coated) steel flat products — Part 1: General information (definitions, materials, tolerances, test methods)*, published by the European Committee for Standardization (CEN). It supersedes BS 6781 : 1986 which is withdrawn. Part 2 of this standard, *Performance requirements for building applications*, is in preparation.

Cross-references

Publication referred to	Corresponding British Standard
EN 10143 : 1993	BS EN 10143 : 1993 <i>Continuously hot-dip metal 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 10152 : 1993	BS EN 10152 : 1994 <i>Specification for electrolytically zinc coated cold rolled steel flat products — Technical delivery conditions</i>
EN 10204 : 1991	BS EN 10204 : 1991 <i>Metallic products — Types of inspection documents</i>
EN 10214 : 1995	BS EN 10214 : 1995 <i>Continuously hot-dipped zinc-aluminium (ZA) coated steel strip and sheet — Technical delivery conditions</i>
EN 10215 : 1995	BS EN 10215 : 1995 <i>Continuously hot-dip zinc aluminium (AZ) coated steel strip and sheet — Technical delivery conditions</i>
EURONORM 153	BS 6582 : 1985 <i>Specification for continuously hot-dip lead alloy (terne) coated cold reduced carbon steel flat rolled products</i>
EN 23270 : 1991	BS EN 23270 : 1991 <i>Specification for temperatures and humidities for conditioning and testing paints, varnishes and their raw materials</i>
EN ISO 1519 : 1995	BS EN ISO 1519 : 1995 <i>Paints and varnishes — Bend test (cylindrical mandrel)</i>
EN ISO 1520 : 1994	BS EN ISO 1520 : 1995 <i>Paints and varnishes — Cupping test</i>
EN ISO 2409 : 1994	BS EN ISO 2409 : 1995 <i>Paints and varnishes cross-cut test</i>
EN ISO 6272	BS EN ISO 6272 : 1994 <i>Paints and varnishes — Falling — Weight test</i>
EURONORM 12	BS 1639 : 1964 <i>Methods for bend testing of metals</i>
ISO 1043-1 : 1987	BS 3502 : <i>Symbols for plastics and rubber materials</i> Part 1 : 1991 <i>Schedule for symbols for plastics</i>
ISO 1518 : 1992	BS 3900 : <i>Methods of test for paints</i> Part E2 : 1992 <i>Scratch test</i>
ISO 2808 : 1991	Part C5 : 1992 <i>Determination of film thickness</i>
ISO 2813 : 1994	Part D5 : 1995 <i>Measurement of specular gloss of non-metallic paint films at 20°, 60° and 85°</i>
ISO 2815	Part E9 : 1976 <i>Buchholz indentation test</i>
ISO 3668 : 1976	Groups D: <i>Optical tests on paint films</i> Part D1 : 1978 <i>Visual comparison of the colour of paints</i>
ISO 4628-1 : 1982	BS 3900 : Group H : <i>Evaluation of paint and varnish defects</i> Part H1 : 1983 <i>Designation of intensity, quantity and size of common types of defect: general principles and rating schemes</i>
ISO 4628-2 : 1982	Part H2 : 1983 <i>Designation of degree of blistering</i>
ISO 4628-3 : 1983	Part H3 : 1983 <i>Designation of degree of rusting</i>
ISO 4628-4	Part H4 : 1983 <i>Designation of degree of cracking</i>
ISO 4628-5 : 1982	Part H5 : 1983 <i>Designation of degree of flaking</i>

ISO 4628-6 : 1990	Part H6 : 1991 <i>Rating of degree of chalking by tape method</i> BS 2782 : <i>Methods of testing plastics</i>
ISO 4892-1 : 1994	Part 5: <i>Optical and colour properties, weathering</i> Method 540D : 1995 <i>Methods of exposure to laboratory light sources — General guidance</i>
ISO 4892-2 : 1994	Method 540E : 1995 <i>Methods of exposure to laboratory light sources — Xenon-arc sources</i>
ISO 4892-2 : 1994	Methods 540F : 1995 <i>Methods of exposure to laboratory light sources — Fluorescent UV lamps</i>
ISO 4892-4 : 1994	Method 540G : 1995 <i>Methods of exposure to laboratory light sources — Open flame carbon-arc lamps</i> BS 3900 : <i>Methods of test for paints</i>
ISO 7253 : 1994	Part F12 : 1985 <i>Determination of resistance to neutral salt spray</i>
ISO 7724-1 : 1984	Part D8 : 1986 <i>Determination of colour and colour difference: principles</i>
ISO 7724-2 : 1984	Part D9 : 1986 <i>Determination of colour and colour difference: measurement</i>
ISO 7724-3 : 1984	Part D10 : 1986 <i>Determination of colour and colour difference: calculation</i> Group F: <i>Durability tests on paint films</i>
ISO 11341 : 1994	Part F14 : 1995 <i>Determination of resistance to artificial weathering by exposure to filtered xenon-arc radiation</i>

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Summary of pages

This document comprises a front cover, an inside front cover, pages i to iv, the EN title page, pages 2 to 14, an inside back cover and a back cover.

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Descriptors: iron and steel products, metal plates, wide strips, strips, steel strips, organic coatings, design, materials, characteristics, tests, dimensional tolerances, inspection, marking, storage

English version

Continuously organic coated (coil coated) steel flat products Part 1: General information (definitions, materials, tolerances, test methods)

Produits plats en acier revêtus en continu de matières organiques (prélaqués)	Kontinuierlich organisch beschichtete (bandbeschichtete) Flacherzeugnisse aus Stahl
Partie 1: Généralités (définitions, matériaux, tolérances, méthodes d'essai)	Teil 1: Allgemeines (Definitionen, Werkstoffe, Grenzabweichungen, Prüfverfahren)

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