



National Standards Authority of Ireland

STANDARD

I.S. EN 10169-3:2003

ICS 25.220.60
77.140.50

**CONTINUOUSLY ORGANIC COATED (COIL
COATED) STEEL FLAT PRODUCTS -
PART 3: PRODUCTS FOR BUILDING
INTERIOR APPLICATIONS**

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EUROPEAN STANDARD

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EUROPÄISCHE NORM

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English version

Continuously organic coated (coil coated) steel flat products - Part 3: Products for building interior applications

Produits plats en acier revêtus en continu de matières
organiques (prélaqués) - Partie 3: Produits pour
applications intérieures dans le bâtiment

Kontinuierlich organisch beschichtete (bandbeschichtete)
Flacherzeugnisse aus Stahl - Teil 3: Erzeugnisse für den
Bauinneneinsatz

This European Standard was approved by CEN on 9 January 2003.

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 Management Centre 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 Management Centre has the same status as the official versions.

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



EUROPEAN COMMITTEE FOR STANDARDIZATION
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Foreword

This document (EN 10169-3:2003) has been prepared by Technical Committee ECISS/TC 27 "Surface coated flat products - Qualities, dimensions, tolerances and specific tests", 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of an identical text or by endorsement, at the latest by December 2003, and conflicting national standards shall be withdrawn at the latest by December 2003.

EN 10169 consists of the following parts under the general title *Continuously organic coated (coil coated) steel flat products*:

Part 1: *General information (definitions, materials, tolerances, test methods)*;

Part 2: *Products for building exterior applications*;

Part 3: *Products for building interior applications*.

Annexes A and B are informative.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Slovakia, Spain, Sweden, Switzerland and the United Kingdom.

1 Scope

This part of this European Standard gives the specific requirements for continuously organic coated (coil coated) steel flat products used for building interior applications.

It particularly specifies the performance requirements of different product flexibility categories and different corrosion protection categories.

General information concerning continuously organic coated steel flat products is provided by EN 10169-1.

Products for building exterior applications are covered by ENV 10169-2.

The products covered are wide strips, sheets cut from wide strip, slit wide strips, strips rolled in widths less than 600 mm and cut lengths (from sheet or strip).

2 Normative references

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text, and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

ENV 606, *Bar coded transport and handling labels for steel products*.

EN 10020:2000, *Definition and classification of grades of steel*.

EN 10021:1993, *General technical delivery requirements for steel and iron products*.

EN 10027-1, *Designation systems for steel - Part 1: Steel names, principal symbols*.

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EN 10027-2, *Designation systems for steel - Part 2: Numerical system.*

EN 10079:1992, *Definition of steel products.*

EN 10130, *Cold rolled low carbon steel flat products for cold forming - Technical delivery conditions.*

EN 10131, *Cold rolled uncoated low carbon and high yield strength steel flat products for cold forming - Tolerances on dimensions and shape.*

EN 10139, *Cold rolled uncoated mild steel narrow strip for cold forming - Technical delivery conditions.*

EN 10140, *Cold rolled narrow steel strip - Tolerances on dimensions and shape.*

EN 10142, *Continuously hot-dip zinc coated low carbon steels strip and sheet for cold forming - Technical delivery conditions.*

EN 10143, *Continuously hot-dip metal coated steel sheet and strip - Tolerances on dimensions and shape.*

EN 10147, *Continuously hot-dip zinc-coated structural steels strip and sheet - Technical delivery conditions.*

EN 10152, *Electrolytically zinc coated cold rolled steel flat products - Technical delivery conditions.*

EN 10154, *Continuously hot-dip Aluminium-Silicon (AS) coated steel strip and sheet - Technical delivery conditions.*

EN 10169-1:1996, *Continuously organic coated (coil coated) steel flat products - Part 1: General information (definitions, materials, tolerances, test methods).*

EN 10204:1991, *Metallic products - Types of inspection documents.*

EN 10214, *Continuously hot-dip zinc-aluminium (ZA) coated steel strip and sheet - Technical delivery conditions.*

EN 10215, *Continuously hot-dip aluminium-zinc (AZ) coated steel strip and sheet - Technical delivery conditions.*

EN 10268, *Cold rolled flat products made of high yield strength micro-alloyed steels for cold forming - General delivery conditions.*

EN 10292, *Continuously hot-dip coated strip and sheet of steels with higher yield strength for cold forming - Technical delivery conditions.*

EN 13523-0:2001, *Coil coated metals - Test methods - Part 0: General introduction and list of test methods.*

EN 13523-1, *Coil coated metals - Test methods - Part 1: Coating thickness.*

EN 13523-2, *Coil coated metals - Test methods - Part 2: Specular gloss.*

EN 13523-6, *Coil coated metals - Test methods - Part 6: Adhesion after indentation (cupping test).*

EN 13523-7, *Coil coated metals - Test methods - Part 7: Resistance to cracking on bending (T-bend test).*

EN 13523-8, *Coil coated metals - Test methods - Part 8: Resistance to salt spray (fog).*

EN 13523-9, *Coil coated metals - Test methods - Part 9: Resistance to water immersion.*

EN 13523-18, *Coil coated metals - Test methods - Part 18: Resistance to staining.*

EN 13523-22, *Coil coated metals - Test methods - Part 22: Colour difference – Visual comparison.*

prEN ISO 4628-2, *Paints and varnishes - Evaluation of degradation of coatings - Designation of quantity and size of defects, and of intensity of changes - Part 2: Assessment of the degree of blistering (identical to ISO/DIS 4628-2:2000).*

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