



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 10169-2:2006

ICS 25.220.60

77.140.50

**CONTINUOUSLY ORGANIC COATED (COIL
COATED) STEEL FLAT PRODUCTS - PART 2:
PRODUCTS FOR BUILDING EXTERIOR
APPLICATIONS**

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EUROPEAN STANDARD
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Supersedes ENV 10169-2:1999

English Version

**Continuously organic coated (coil coated) steel flat products -
Part 2: Products for building exterior applications**

Produits plats en acier revêtus en continu de matières
organiques (prélaqués) - Partie 2 : Produits pour
applications extérieures dans le bâtiment

Kontinuierlich organisch beschichtete (bandbeschichtete)
Flacherzeugnisse aus Stahl - Teil 2: Erzeugnisse für den
Bauaußeneinsatz

This European Standard was approved by CEN on 27 February 2006.

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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Foreword

This document (EN 10169-2:2006) 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of an identical text or by endorsement, at the latest by October 2006, and conflicting national standards shall be withdrawn at the latest by October 2006.

This document supersedes ENV 10169-2:1999.

This document 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.*

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

EN 10169-2:2006 (E)

1 Scope

This document gives the specific requirements for continuously organic coated (coil coated) steel flat products used for building exterior applications. It particularly specifies the performance requirements.

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

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

Products for building interior applications are covered by EN 10169-3.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

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

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

EN 10079:1992, *Definition of steel products*

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

EN 10169-1:2003, *Continuously organic coated (coil coated) steel flat products – Part 1: General information (definitions, materials, tolerances, test methods)*

EN 10204:2004, *Metallic products – Types of inspection documents*

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

EN 10326, *Continuously hot-dip coated strip and sheet of structural steels – Technical delivery conditions*

EN 10327, *Continuously hot-dip coated strip and sheet of low carbon steels for cold forming – Technical delivery conditions*

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 13523-3, *Coil coated metals – Test methods – Part 3: Colour difference – Instrumental comparison*

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 13523-10, *Coil coated metals – Test methods – Part 10: Resistance to fluorescent UV light and water condensation*

EN 13523-19, *Coil coated metals – Test methods – Part 19: Panel design and method of atmospheric exposure testing*

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