



NSAI
Standards

Irish Standard
I.S. EN ISO 29601:2011

Paints and varnishes - Corrosion protection by protective paint systems - Assessment of porosity in a dry film (ISO 29601:2011)

I.S. EN ISO 29601:2011

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Paints and varnishes - Corrosion protection by protective paint systems - Assessment of porosity in a dry film (ISO 29601:2011)

Peintures et vernis - Anticorrosion par systèmes de peinture - Évaluation de la porosité d'un feuil sec (ISO 29601:2011)

Beschichtungsstoffe - Korrosionsschutz von Stahlbauten durch Beschichtungssysteme - Beurteilung der Porosität einer trockenen Beschichtung (ISO 29601:2011)

This European Standard was approved by CEN on 14 April 2011.

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Foreword

This document (EN ISO 29601:2011) has been prepared by Technical Committee CEN/TC 139 "Paints and varnishes", the secretariat of which is held by DIN, in collaboration with Technical Committee ISO/TC 35 "Paints and varnishes".

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of an identical text or by endorsement, at the latest by October 2011, and conflicting national standards shall be withdrawn at the latest by October 2011.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

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**INTERNATIONAL
STANDARD**

**ISO
29601**

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**Paints and varnishes — Corrosion
protection by protective paint systems —
Assessment of porosity in a dry film**

*Peintures et vernis — Anticorrosion par systèmes de peinture —
Évaluation de la porosité d'un feuil sec*



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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

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ISO 29601 was prepared by the European Committee for Standardization (CEN) in collaboration with ISO Technical Committee ISO/TC 35, *Paints and varnishes*, Subcommittee SC 14, *Protective paint systems for steel structures*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

Introduction

This International Standard supplements the ISO 12944 series (see the Bibliography) with regard to the detection of porosity in a dry film. If specified or agreed, the standard can also be used for other applications.

The objective of this International Standard is to achieve uniformity of practice for the detection of porosity in a dry film. The methods chosen entail the detection of porosity using one of two types of equipment, a low-voltage pinhole detector or a high-voltage spark tester.

This International Standard complements ISO 19840, which concerns the measurement of the thickness of dry films on rough surfaces, and ISO 16276-1 and ISO 16276-2, which concern the measurement of the adhesion of a coating by pull-off testing (Part 1) and by cross-cut and X-cut testing (Part 2).

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