



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN ISO 12137-1:2006

ICS 87.040

**PAINTS AND VARNISHES - DETERMINATION
OF MAR RESISTANCE - PART 1: METHOD
USING A CURVED STYLUS (ISO 12137-1:1997,
INCLUDING TECHNICAL CORRIGENDUM
1:1998)**

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN ISO 12137-1

June 2006

ICS 87.040

English Version

**Paints and varnishes - Determination of mar resistance - Part 1:
Method using a curved stylus (ISO 12137-1:1997, including
Technical Corrigendum 1:1998)**

Peintures et vernis - Détermination de la résistance à la
détérioration - Partie 1: Méthode utilisant un stylet arrondi
(ISO 12137-1:1997, Technical Corrigendum 1:1998 inclus)

Beschichtungsstoffe - Bestimmung der Kratzfestigkeit - Teil
1: Verfahren mit gebogenem Stichel (ISO 12137-1:1997,
einschließlich Technische Korrektur 1:1998)

This European Standard was approved by CEN on 19 May 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.

CEN members are the national standards bodies of 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.



EUROPEAN COMMITTEE FOR STANDARDIZATION
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EN ISO 12137-1:2006 (E)

Foreword

The text of ISO 12137-1:1997, including Technical Corrigendum 1:1998 has been prepared by Technical Committee ISO/TC 35 "Paints and varnishes" of the International Organization for Standardization (ISO) and has been taken over as EN ISO 12137-1:2006 by Technical Committee CEN/TC 139 "Paints and varnishes", 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 2006, and conflicting national standards shall be withdrawn at the latest by December 2006.

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.

Endorsement notice

The text of ISO 12137-1:1997, including Technical Corrigendum 1:1998 has been approved by CEN as EN ISO 12137-1:2006 without any modifications.

INTERNATIONAL STANDARD

ISO
12137-1

First edition
1997-02-15

Paints and varnishes — Determination of mar resistance —

Part 1: Method using a curved stylus

*Peinture et vernis — Détermination de la résistance à la détérioration —
Partie 1: Méthode utilisant un stylet arrondi*



Reference number
ISO 12137-1:1997(E)

ISO 12137-1:1997(E)

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.

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.

International Standard ISO 12137-1 was prepared by Technical Committee ISO/TC 35, *Paints and varnishes*, Subcommittee SC 9, *General test methods for paints and varnishes*.

ISO 12137 consists of the following parts, under the general title *Paints and varnishes — Determination of mar resistance*:

- *Part 1: Method using a curved stylus*
- *Part 2: Method using a pointed stylus*

Annex A forms an integral part of this part of ISO 12137. Annex B is for information only.

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