
**Paints and varnishes — Coating
materials and coating systems for
exterior wood — Natural weathering test**

*Peintures et vernis — Produits de peinture et systèmes de peinture
pour bois en extérieur — Essai de vieillissement naturel*



Reference number
ISO 16053:2010(E)

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Contents

Page

Foreword	iv
1 Scope	1
2 Normative references	1
3 Principle.....	2
4 Apparatus and materials.....	2
5 Sampling.....	2
6 Test panels	3
7 Procedure	5
8 Precision.....	7
9 Expression of results and test report.....	7
Annex A (normative) Internal comparison product (ICP) alkyd stain.....	8
Annex B (normative) Details of test methods	10
Annex C (normative) Assessment requirements for panels of test coatings and ICP	13
Annex D (informative) Suggested format for a test report	14
Annex E (informative) Optional tests including variations to the standard weathering test procedure to obtain additional information on coating performance	17
Annex F (informative) Explanatory notes	20
Bibliography.....	21

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.

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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 16053 was prepared by Technical Committee ISO/TC 35, *Paints and varnishes*, Subcommittee SC 9, *General test methods for paints and varnishes*. It is technically equivalent to EN 927-3.

This second edition cancels and replaces the first edition (ISO 16053:2004), which has been technically revised. The main changes are as follows:

- a) the dimensions of the test panel and the requirements for the wood used for the test panels have been changed;
- b) the requirements concerning the inclination of the growth rings relative to the exposed surface of the test panel have been changed;
- c) the measurement of the film thickness has been described more precisely;
- d) the assessment of the exposed test panels now also includes an assessment of their general appearance;
- e) the photographic rating scale for mould growth (Annex C in the previous edition) has been deleted and mould growth is now assessed in accordance with ISO 4628-1.