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## **Paints and varnishes — Determination of resistance to humidity —**

### **Part 1: Continuous condensation**

*Peintures et vernis — Détermination de la résistance à l'humidité —  
Partie 1: Condensation continue*



Reference number  
ISO 6270-1:1998(E)

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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.

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 6270-1 was prepared by Technical Committee ISO/TC 35, *Paints and varnishes*, Subcommittee 9, *General test methods for paints and varnishes*.

It cancels and replaces ISO 6270:1980, of which it constitutes a minor technical revision.

It differs from ISO 6270:1980 in that the angle of the panels to the horizontal has been changed from  $(15 \pm 5)^\circ$  to  $(60 \pm 5)^\circ$  and the temperature of the air below the panels is maintained at  $(38 \pm 2)^\circ\text{C}$  rather than at that of the water itself. Work has shown that the results do not differ substantially between the two sets of conditions.

At the date of publication, ISO 6270 consisted of only one part, under the general title *Paints and varnishes – Determination of resistance to humidity*:

– *Part 1: Continuous condensation*

Other parts will be added at a later date. One of these parts will be ISO 11503:1995, *Paints and varnishes – Determination of resistance to humidity (intermittent condensation)*, which will be renumbered into this series.

Annex A forms an integral part of this part of ISO 6270.