
**Paints and varnishes — Determination
of percentage volume of non-volatile
matter —**

**Part 1:
Method using a coated test panel to
determine non-volatile matter and
to determine dry-film density by the
Archimedes' principle**

*Peintures et vernis — Détermination du pourcentage en volume de
matière non volatile —*

*Partie 1: Méthode utilisant un panneau d'essai revêtu pour
déterminer la matière non volatile et pour déterminer la masse
volumique du feuil sec par le principe d'Archimède*



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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.

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This document was prepared by Technical Committee ISO/TC 35, *Paints and varnishes*, Subcommittee SC 9, *General test methods for paints and varnishes*.

This second edition cancels and replaces the first edition (ISO 3233-1:2013), which has been technically revised.

The main changes compared to the previous edition are as follows:

- the definitions and sources have been updated in [Clause 3](#);
- a minimum mass of 25 mg of the coating on the plate has been added in [7.4.1](#) because measurements and simulation calculations demonstrate the need for a minimum mass for the coated panel;
- the text has been editorially revised.

A list of all parts in the ISO 3233 series can be found on the ISO website.

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