

**Värvid ja lakid. Vedelikukindluse määramine. Osa 3:
Absorbeerival materjalil põhinev meetod (ISO 2812-
3:2012)**

**Paints and varnishes - Determination of resistance to
liquids - Part 3: Method using an absorbent medium
(ISO 2812-3:2012)**

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN ISO 2812-3:2012 sisaldab Euroopa standardi EN ISO 2812-3:2012 ingliskeelset teksti.	This Estonian standard EVS-EN ISO 2812-3:2012 consists of the English text of the European standard EN ISO 2812-3:2012.
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English Version

Paints and varnishes - Determination of resistance to liquids -
Part 3: Method using an absorbent medium (ISO 2812-3:2012)

Peintures et vernis - Détermination de la résistance aux
liquides - Partie 3: Méthode utilisant un milieu absorbant
(ISO 2812-3:2012)

Beschichtungsstoffe - Bestimmung der Beständigkeit
gegen Flüssigkeiten - Teil 3: Verfahren mit einem
saugfähigem Material (ISO 2812-3:2012)

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Foreword

This document (EN ISO 2812-3:2012) has been prepared by Technical Committee ISO/TC 35 "Paints and varnishes" in collaboration with 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of an identical text or by endorsement, at the latest by January 2013, and conflicting national standards shall be withdrawn at the latest by January 2013.

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Endorsement notice

The text of ISO 2812-3:2012 has been approved by CEN as a EN ISO 2812-3:2012 without any modification.

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Paints and varnishes — Determination of resistance to liquids

Part 3: Method using an absorbent medium

1 Scope

This part of ISO 2812 specifies a method, using an absorbent medium, for determining the resistance of an individual-layer or multi-layer system of coating materials to the effects of liquids or paste-like products.

This method enables the tester to determine the effects of the test substance on the coating and, if necessary, to assess the damage to the substrate.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 1513, *Paints and varnishes — Examination and preparation of test samples*

ISO 1514, *Paints and varnishes — Standard panels for testing*

ISO 2808, *Paints and varnishes — Determination of film thickness*

ISO 4628-1, *Paints and varnishes — Evaluation of degradation of coatings — Designation of quantity and size of defects, and of intensity of uniform changes in appearance — Part 1: General introduction and designation system*

ISO 4628-2, *Paints and varnishes — Evaluation of degradation of coatings — Designation of quantity and size of defects, and of intensity of uniform changes in appearance — Part 2: Assessment of degree of blistering*

ISO 15528, *Paints, varnishes and raw materials for paints and varnishes — Sampling*

3 Principle

A coated test panel is exposed to one or more test substances by using an absorbent medium. The effects of the exposure are assessed in accordance with agreed criteria.

4 Apparatus and materials

Ordinary laboratory equipment and the following:

4.1 Heating cabinet, with artificial ventilation, for carrying out the test at temperatures up to 40 °C and capable of maintaining the temperature to within ± 3 °C.

WARNING — To protect against explosion or fire, products containing volatile flammable substances should be handled with care. National regulations should be followed.

4.2 Watch glasses, with a diameter of approximately 40 mm, curved in such a way that, when placed over a test area (see 8.3), the watch glass will not touch the filter paper or cotton wool swab, impregnated with the test liquid, on the test area.

4.3 Petri dishes, with 60 mm diameter and 20 mm rim.