

Paints and varnishes - Drying tests - Part 6: Print-free test (ISO 9117-6:2012)

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EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN ISO 9117-6:2012 sisaldab Euroopa standardi EN ISO 9117-6:2012 ingliskeelset teksti.	This Estonian standard EVS-EN ISO 9117-6:2012 consists of the English text of the European standard EN ISO 9117-6:2012.
Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation.
Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 18.07.2012.	Date of Availability of the European standard is 18.07.2012.
Standard on kättesaadav Eesti Standardikeskusest.	The standard is available from the Estonian Centre for Standardisation.

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ICS 87.040

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English Version

Paints and varnishes - Drying tests - Part 6: Print-free test (ISO 9117-6:2012)

Peintures et vernis - Essais de séchage - Partie 6: Essai de séchage apparent complet (ISO 9117-6:2012)

Beschichtungsstoffe - Trocknungsprüfungen - Teil 6: Bestimmung der Abdruckfestigkeit (ISO 9117-6:2012)

This European Standard was approved by CEN on 30 June 2012.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
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Foreword

This document (EN ISO 9117-6:2012) 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of an identical text or by endorsement, at the latest by January 2013, and conflicting national standards shall be withdrawn at the latest by January 2013.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

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Endorsement notice

The text of ISO 9117-6:2012 has been approved by CEN as a EN ISO 9117-6:2012 without any modification.

Paints and varnishes — Drying tests —

Part 6: Print-free test

1 Scope

This part of ISO 9117 specifies a method for assessing, by means of a simple empirical test, the resistance of a coat of paint, varnish or related product to imprinting by a nylon gauze under a specified force applied for a specified time.

The method may be carried out

- either as a “pass/fail” test by determining whether the print-free state has been reached after a specified period of drying or, in the case of stoving coatings, after stoving and ageing under specified conditions,
- or by repeating the print-free test at suitable intervals until the print-free time is obtained.

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

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

3.1

print-free

state of a coating of paint or varnish when gauze of a specified grade under a specified force during a specified time does not leave on the surface an imprint, visible under normal corrected vision

3.2

print-free time

period of time elapsing between the moment at which a coating is applied to a prepared test panel and that at which the coating is assessed as just print-free, using the test procedure specified

4 Apparatus

4.1 **Squares** of woven monofilament polyamide gauze, minimum size 25 mm × 25 mm.

Unless otherwise specified, the gauze shall be of 0,120 mm thread diameter and of approximately 0,2 mm aperture. Depending upon the type of coating under test, other grades of similar construction may be used if necessary, subject to agreement between the interested parties.