

**SRI LANKA STANDARD 1256: Part 30: 2010**  
**ISO 9117-3 : 2010**

**METHODS OF TEST FOR  
PAINTS AND VARNISHES  
PART 30 : DETERMINATION OF SURFACE  
DRYING TIME USING BALLOTINI**

**SRI LANKA STANDARDS INSTITUTION**

**Sri Lanka Standard**  
**METHODS OF TEST FOR PAINTS AND VARNISHES**  
**PART 30 : DETERMINATION OF SURFACE DRYING TIME USING**  
**BALLOTINI**

**SLS 1256: Part 30: 2010**  
**ISO 9117-3 : 2010**  
**(Superseding SLS 1256 : Part 12 : 2005**  
**and SLS 535 : Part 3 : Section 3.4 : 1981)**

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**Sri Lanka Standard**  
**METHODS OF TEST FOR PAINTS AND VARNISHES**  
**PART 30 : DETERMINATION OF SURFACE DRYING TIME USING**  
**BALLOTINI**

**NATIONAL FOREWORD**

This Sri Lanka Standard was approved by the Sectoral Committee on Chemical and Polymer Technology and authorized for adoption and publication as a Sri Lanka Standard by the council of the Sri Lanka Standards Institution on 2010-10-15.

This Standard is identical with ISO 9117-3 : 2010 Paints and varnishes – Drying tests- Part 3 : Surface-drying test using ballotini published by the International Organization for Standardization (ISO). This Standard supersedes SLS 1256 Part 12 : 2005, adoption of ISO 1517: 1973 as ISO 9117-3 : 2010 cancels and replaces ISO 1517 : 1973.

The text of the International Standard has been accepted as suitable for publication without deviation as a Sri Lanka Standard. However certain terminology and convention are not identical with those used in Sri Lanka Standards. Attention is therefore drawn to the following:

**TERMINOLOGY AND CONVENTIONS**

- a) Wherever the words “International Standard” appear referring to a particular standard they should be interpreted as Sri Lanka Standard.
- b) The comma has been used throughout as a decimal marker. In Sri Lanka Standards it is the current practice to use the full point at the base as the decimal marker.
- c) Wherever page numbers are quoted they are ISO/IEC page numbers.

## **CROSS REFERENCES**

### **International Standard**

ISO 1513 Paints and varnishes- Examination and preparation of samples for testing

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

### **Corresponding Sri Lanka Standard**

SLS 1256 Methods of test for paints and varnishes Part 1 Examination and preparation of samples for testing

SLS 1256 Methods of test for paints and varnishes Part 11 Standard panels for testing

SLS 1256 Methods of test for paints and varnishes Part 15 Determination of film thickness

SLS 523 Methods of sampling paints, varnishes and raw materials for paints and varnishes

INTERNATIONAL  
STANDARD

**ISO**  
**9117-3**

First edition  
2010-03-01

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**Paints and varnishes — Drying tests —**  
**Part 3:**  
**Surface-drying test using ballotini**

*Peintures et vernis — Essais de séchage —*

*Partie 3: Essai de séchage en surface à l'aide de billes de verre*



Reference number  
ISO 9117-3:2010(E)

## 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.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

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.

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

ISO 9117-3 was prepared by Technical Committee ISO/TC 35, *Paints and varnishes*, Subcommittee SC 9, *General test methods for paints and varnishes*.

This first edition of ISO 9117-3 cancels and replaces ISO 1517:1973, which has been technically revised. The main changes are as follows:

- a) the method has been integrated into the ISO 9117 series as Part 3, for determination of the drying of paints and varnishes;
- b) a “principle” clause has been added;
- c) text from the former introduction listing supplementary information has been integrated into the test report.

ISO 9117 consists of the following parts, under the general title *Paints and varnishes — Drying tests*:

- *Part 1: Determination of through-dry state and through-dry time*
- *Part 2: Pressure test for stackability*
- *Part 3: Surface-drying test using ballotini*

The following parts are under preparation:

- *Part 4: Test using a mechanical recorder*
- *Part 5: Modified Bandow-Wolff test*