

**SRI LANKA STANDARD 1256: Part 44: 2019**  
**(ISO 16053: 2018)**  
**UDC 667.661**

**METHODS OF TEST FOR  
PAINTS AND VARNISHES  
PART 44: COATING MATERIALS AND  
COATING SYSTEMS FOR EXTERIOR WOOD -  
NATURAL WEATHERING TEST**

**SRI LANKA STANDARDS INSTITUTION**

**Sri Lanka Standard**  
**METHODS OF TEST FOR PAINTS AND VARNISHES**  
**PART 44: COATING MATERIALS AND COATING SYSTEMS FOR EXTERIOR**  
**WOOD- NATURAL WEATHERING TEST**

**SLS 1256: Part 44: 2019**  
**(ISO 16053: 2018)**

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**SRI LANKA STANDARDS INSTITUTION**  
**17, Victoria Place**  
**Elvitigala Mawatha**  
**Colombo - 08**  
**Sri Lanka.**

**Sri Lanka Standard**  
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**WOOD- NATURAL WEATHERING TEST**

**NATIONAL FOREWORD**

This 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 2019-09-11.

The text of the International Standard ISO 16053: 2018 Paints and varnishes – Coating materials and coating systems for exterior wood- Natural weathering test has been accepted for adoption as a Sri Lanka Standard which specifies a natural weathering test for exterior wood coating systems mainly intended for the decoration and protection of planed and sawn wood.

This Standard is identical with ISO 16053: 2018 Paints and varnishes – Coating materials and coating systems for exterior wood- Natural weathering test, published by the International Organization for Standardization (ISO).

**TERMINOLOGY AND CONVENTIONS**

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

- 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 page numbers.

## Cross References

<b>International Standard</b>	<b>Corresponding Sri Lanka Standard</b>
ISO 1513, Paints and varnishes - Examination and preparation of test samples	SLS 1256, Methods of test for paints and varnishes Part 1: Examination and preparation of samples for testing
ISO 2409, Paints and varnishes - Cross-cut test	SLS 1256, Methods of test for paints and varnishes Part 22: Cross cut test
ISO 2431, Paints and varnishes - Determination of flow time by use of flow cups	SLS 1256, Methods of test for paints and varnishes Part 2: Determination of flow time by the use of flow cups
ISO 2808, Paints and varnishes - Determination of film thickness	SLS 1256, Methods of test for paints and varnishes Part 15: Determination of film thickness
ISO 2810, Paints and varnishes - Natural weathering of coatings - Exposure and assessment	SLS 1256, Methods of test for paints and varnishes Part 25: Guidance on the conduct of natural weathering tests
ISO 2813, Paints and varnishes - Determination of gloss value at 20°, 60° and 85°	SLS 1256, Methods of test for paints and varnishes Part 31: Determination of gloss value at 20°, 60° and 85°
ISO 4618, Paints and varnishes - Terms and definitions	SLS 1541, Terms and definitions for Paints and varnishes
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	SLS 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	SLS 1256 Part 32: Method of test for paints and varnishes - determination of degree of blistering
ISO 4628-4, Paints and varnishes — Evaluation of degradation of coatings — Designation of quantity and size of defects, and of intensity of uniform changes in appearance — Part 4: Assessment of degree of cracking	SLS 1256 Part 46: Method of test for paints and varnishes — determination of degree of cracking

<p>ISO 4628-5, Paints and varnishes - Evaluation of degradation of coatings - Designation of quantity and size of defects, and of intensity of uniform changes in appearance - Part 5: Assessment of degree of flaking</p>	<p>SLS 1256 Part 47, Method of test for paints and varnishes – Determination of degree of flaking</p>
<p>ISO 4628-6, Paints and varnishes — Evaluation of degradation of coatings — Designation of quantity and size of defects, and of intensity of uniform changes in appearance — Part 6: Assessment of degree of chalking by tape method</p>	<p>SLS 1256 Part 48, Method of test for paints and varnishes – Determination of degree of chalking by tape method</p>
<p>ISO 15528, Paints, varnishes and raw materials for paints and varnishes — Sampling</p>	<p>SLS 523, Methods of sampling for paints, varnishes and raw materials for paints and varnishes</p>

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**Paints and varnishes — Coating  
materials and coating systems for  
exterior wood — Natural weathering  
test**

*Peintures et vernis — Produits de peinture et systèmes de peinture  
pour bois en extérieur — Essai de vieillissement naturel*



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