SRI LANKA STANDARD 1256 : PART 39 : 2016 ISO 4624 : 2016 UDC 667.6

METHOD OF TEST FOR PAINTS AND VARNISHES

PART 39: DETERMINATION OF ADHESION BY PULL OFF TEST

SRI LANKA STANDARDS INSTITUTION

Sri Lanka Standard METHOD OF TEST FOR PAINTS AND VARNISHES PART 39: DETERMINATION OF ADEHISION BY PULL OFF TEST

SLS 1256 : Part 39 : 2016 ISO 4624 : 2016

Gr. F

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

SLS 1256: Part 39: 2016

ISO 4624:2016

Sri Lanka Standard METHOD OF TEST FOR PAINTS AND VARNISHES PART 39 : DETERMINATION OF ADHESION BY PULL OFF TEST

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 2016-10-27.

The text of the International Standard ISO 4624: 2016 Paints and varnishes - Pull-off test for adhesion has been accepted for adoption as **SLS 1256: Part 39:....** as one of the two methods for assessing the adhesion of a single coating or multicoat system of paint, varnish or related product. The other Sri Lanka Standard for the evaluation of adhesion characteristic is SLS 1256: Part 22 which is also an adoption of ISO 2409.

This Sri Lanka Standard is identical with ISO 4624: 2016 Paints and varnishes – Pull-off test for adhesion 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 Standards 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.

SLS 1256: Part 39: 2016

ISO 4624: 2016

Cross References

International Standard Corresponding Sri Lanka Standard

ISO 1513, Paints and varnishes — Examination and preparation of test samples	on No corresponding Sri Lanka Standard
ISO 1514, Paints and varnishes — Standa panels for testing	rd No corresponding Sri Lanka Standard
ISO 2808, Paints and varnishes — Determination of film thickness	on SLS 1256: Part 15 Determination of film thickness
ISO 3270, Paints and varnishes and their ramaterials -Temperature and humidities for conditioning and testing	w No corresponding Sri Lanka Standard or
ISO 15528, Paints, varnishes and raw materia for paints and varnishes — Sampling	lls SLS 523 Methods of sampling for paints, varnishes and raw materials for

paints and varnishes

.....

INTERNATIONAL STANDARD

SLS 1256-39:2016 ISO 4624

Third edition 2016-03-01

Paints and varnishes — Pull-off test for adhesion

Peintures et vernis — Essai de traction



Cor	itent	S. S	Page
Fore	word		iv
Intro	ductio	on	v
1	Scop	oe	1
2	Norr	native references	1
3		ciple	
4		aratus	
_			
5		esives	
6		pling	
7		panels	
	7.1 7.2	Substrate Preparation and coating	
	7.2	Drying and conditioning	
	7.4	Thickness of coating	
8	Proc	edure	5
	8.1	Number of determinations	
	8.2	Ambient conditions	
	8.3	Adhesive	
	8.4	Test assemblies	5
		8.4.1 Method A: General method (using two dollies) for testing both rigid and deformable substrates	5
		8.4.2 Method B: Method for testing from one side only, using a single dolly	
		(suitable for rigid substrates only)	6
		8.4.3 Method C: Method using dollies, one as a painted substrate	
	8.5	Measurement	
		8.5.1 Breaking strength	
•			
9		ulation and expression of results	
	9.1 9.2	Breaking strengthNature of failure	
	9.2	Example	
10		rision	
11	Test report		
		ıy	
	0 -P-	•	