

MAURITIAN
STANDARD

MS 189:2019

Second edition
2019-02-23

**Ecolabel criteria for indoor and
outdoor paints and varnishes**

Preview

ICS 90.030



Mauritius Standards Bureau
Moka



COPYRIGHT PROTECTED DOCUMENT

© MSB 2019

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without permission in writing from Mauritius Standards Bureau at the address below

*Mauritius Standards Bureau
Villa Road
Moka
Mauritius*

*Telephone + (230) 433 3648
Fax + (230) 433 5051/ 433 5150
E-mail msb@intnet.mu*

Contents

1	Scope	1
2	Normative references	1
3	Terms and definitions	4
4	Criteria	6
4.1	White pigment content.....	6
4.2	Wet scrub resistance (for indoor paints only)	7
4.3	Titanium dioxide pigment.....	7
4.4	Efficiency in use	8
4.4.1	Spreading rate.....	8
4.4.2	Resistance to water	10
4.4.3	Adhesion.....	10
4.4.4	Abrasion	10
4.4.5	Weathering (for outdoor paints and varnishes)	10
4.4.6	Water vapour permeability.....	11
4.4.7	Liquid water permeability	12
4.4.8	Fungal resistance	12
4.4.9	Algal resistance	12
4.4.10	Crack bridging.....	12
4.4.11	Alkali resistance.....	13
4.4.12	Corrosion resistance.....	13
4.5	Content of volatile and semi-volatile organic compounds (VOCs, SVOCs).....	13
4.6	Restriction of hazardous substances and mixtures	14
4.6.1	Overall restrictions to hazard classifications and risk phrases	15
4.6.2	Restrictions that apply to specific hazardous substances	17
4.7	Consumer information	17
4.8	Hazardous waste.....	18
4.9	Dangerous chemicals.....	18
	Annex A (normative) Product systems	20
	Annex B (normative) Hazardous substances and mixtures	22
	Annex C (normative) Hazardous substance restriction and derogation.....	23

Foreword

This Mauritian Standard was drawn by the **Chemicals Standards Committee** through its Subcommittee on **Paints** and approved by the **Standards Council** on 31 January 2018. It was notified in the Government Gazette on **23 February 2019**.*

This Second edition cancels and replaces MS 189:2017, which has been revised technically.

Acknowledgement

MSB wishes to acknowledge the valuable assistance derived from the following publications

- 1 European Commission decision 2014/312/EU - Establishing the ecological criteria for the award of the EU Ecolabel for indoor and outdoor paints and varnishes
- 2 European Commission decision 2015/886 amending decision 2014/312/EU
- 3 European Commission decision 2016/397 amending decision 2014/312/EU

***General Notice No. 258 of 2019**

Ecolabel criteria for indoor and outdoor paints and varnishes

1 Scope

This Mauritian Standard specifies the criteria for awarding ecolabel to paints and varnishes.

The product group of 'indoor and outdoor paints and varnishes' comprises: floor coatings and floor paints; paint products which are tinted by distributors at the request of consumer (non-professional) or professional decorators, tinting systems, decorative paints in liquid or paste formulas which may have been pre-conditioned, tinted or prepared by the manufacturer to meet consumer's needs, including wood paints, wood and decking stains, masonry coatings and metal finishes primers and undercoats of such product systems as defined in Annex A.

The product group excludes the following products:

- (a) anti-fouling coatings;
- (b) preservation products for wood impregnation;
- (c) coatings for particular industrial and professional uses, including heavy-duty coatings;
- (d) powder coatings;
- (e) UV curable paint systems;
- (f) paints primarily intended for vehicles;
- (g) product which primary function is not to form a film over the substrate, e.g. oils and waxes;
- (h) fillers as defined by ISO 4618;
- (i) road-marking paints.

2 Normative references

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

ISO 2409	<i>Paints and varnishes - Cross-cut test</i>
ISO 2808:2007	<i>Paints and varnishes - Determination of film thickness</i>
ISO 2812-3	<i>Paints and varnishes - Determination of resistance to liquids - Part 3: Method using an absorbent medium</i>
ISO 2812-4	<i>Paints and varnishes - Determination of resistance to liquids - Part 4: Spotting methods</i>