Draft Jamaican Standard

Method of Test

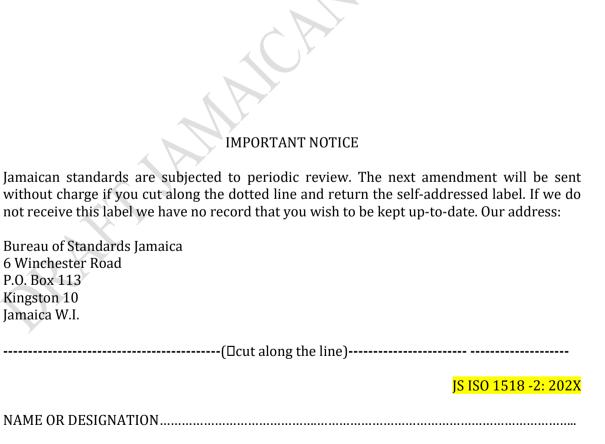
for

Paints and varnishes — **Determination of scratch resistance** — **Part 2: Variable-loading method**



BUREAU OF STANDARDS JAMAICA

NON-OBJECTION PERIOD: 30 JUNE 2024 – 29 JULY 2024 DRAFF JAMARCA STANDARD



6 Winchester Road P.O. Box 113 Kingston 10 Jamaica W.I.

JBS CERTIFICATION MARK PROGRAMME

The general policies of the JBS Certification Mark Programme are as follows:

- The JBS provides certification services for manufacturers participating in the programme and licensed to use the gazetted JBS Certification Marks to indicate conformity with Jamaican Standards.
- Where feasible, programmes will be developed to meet special requirements of the submitter. Where applicable, certification may form the basis for acceptance by inspection authorities responsible for enforcement of regulations.
- In performing its functions in accordance with its policies, JBS will not assume or undertake any responsibility of the manufacturer or any other party.

Participants in the programme should note that in the event of failure to resolve an issue arising from interpretation of requirements, there is a formal appeal procedure.

Further information concerning the details of the JBS Certification Mark Programme may be obtained from the Bureau of Standards, 6 Winchester Road, Kingston 10.

CERTIFICATION MARKS





Product Certification Marks



Plant Certification Mark



Certification of Agricultural Produce (CAP) Mark



Jamaica-Made Mark

Draft Jamaican Standard

Method of Test

for

 ${\bf Paints\ and\ varnishes-Determination\ of\ scratch\ resistance-Part\ 2:\ Variable-loading\ method}$

Bureau of Standards Jamaica 6 Winchester Road P.O. Box 113 Kingston 10 Jamaica W. I.

Tel: (876) 926 -3140-5, (876) 618 – 1534 or (876) 632-4275

Fax: (876) 929 -4736 E-mail: <u>info@bsj.org.jm</u> Website: <u>www.bsj.org.jm</u>

Month 202X

© 202X Bureau of Standards Jamaica

All rights reserved. Unless otherwise specified, no part of a Bureau of Standards publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including, photocopying microfilm or scanning, without permission in writing.

ISBN XXX.XXXX.XXX

Declared by the Bureau of Standards to be a standard Method of Test pursuant to section 7 of the Standards Act 1969.

First published Month 202X

This standard was circulated in draft form for thirty (30) days non-objection under the reference DJS ISO 1518-2: 2024.

Jamaican Standards establish requirements in relation to commodities, processes and practices, but do not purport to include all the necessary provisions of a contract.

The attention of those using this specification is called to the necessity of complying with any relevant legislation.

Amendments

No.	Date of Issue	Remarks	Entered by and date

Contents

		Page	
Comm Ackno	nal foreword nittee representation wledgement word	ii ii ii iv	
1	Scope	1	
2	Normative references		
3	Terms and definitions		
4	Principle		
5	Apparatus		
6	Sampling		
7	Test panels 7.1 Substrate 7.2 Preparation and coating 7.3 Drying and conditioning 7.4 Thickness of coating	3 4 4	
8	Procedure	4 4	
9	Expression of results		
10	Precision		
11	Test report		
Riblio	oranhy	7	

National foreword

This standard is an adoption and is identical to ISO 1518-2: 2019 Paints and varnishes — Determination of scratch resistance — Part 2: Variable-loading method published by the International Organization for Standardization (ISO).

Scope of the standard

This document specifies a method for determining, using a pointed stylus loaded with a continuously increasing load, the scratch resistance of a single coating of a paint, varnish or related product, or the upper layer of a multicoat system.

This test has been found to be useful in comparing the scratch resistance of different coatings. It is most useful in providing relative ratings for a series of coated panels exhibiting significant differences in scratch resistance.

NOTE Neither this document nor ISO 1518-1 specifies a method using a curved stylus, which is specified in ISO 12137. The choice between the three methods will depend on the particular practical problem.

Where the words 'International Standard' appear, referring to this standard, they should be read as 'Jamaican Standard'.

Where reference is made to informative and normative annexes the following definitions should be noted:

- Informative Annex gives additional information intended to assist in the understanding or use of the document. They do not contain requirements.
- Normative Annex gives provisions additional to those in the body of a document. They contain requirements.

Users should note that all standards undergo revision from time to time and that any reference made herein to any standard implies its latest edition, unless otherwise stated.

This standard is voluntary.

Committee representation

The preparation of this standard for the Standards Council, established under the Standards Act of 1969, was carried out under the supervision of the Paints and Surface Coatings Technical Committee which at the time comprised the following members:

Acknowledgment

Acknowledgement is made to the International Organization for Standardization (ISO) for permission to adopt ISO 1518-2: 2019 Paints and varnishes — Determination of scratch resistance — Part 2: Variable-loading method.