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Draft Jamaican Standard

Method of Test

for

**Determining the Resistance of Paint Films and Related  
Coatings to Algal Defacement**

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**BUREAU OF STANDARDS JAMAICA**

**NON-OBJECTION PERIOD:**

**17 SEPTEMBER 2023 – 16 OCTOBER 2023**

DRAFT JAMAICAN STANDARD

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JS ASTM D5589-19: 202X

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**Month 202X**

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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

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## National foreword

This standard is an adoption and is identical to D5589-19 Test Method for Determining the Resistance of Paint Films and Related Coatings to Algal Defacement published by ASTM International (ASTM).

### Scope of the standard

1.1 This test method covers an accelerated method for determining the relative resistance of a paint or coating film to algal growth.

NOTE 1- It is hoped that a ranking of relative performance would be similar to that ranked from outdoor exposures. However, this test method should not be used as a replacement for exterior exposure since many other factors, only a few of which are listed will affect those results.

NOTE 2- ASTM weathering standards are no longer referenced in this document, but Practices D822, D4141, D4587, D5031, and D6695 are commonly used.

1.2 The values stated in SI units are to be regarded as the standard. The values given in parentheses are for information only.

1.3 This standard does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this standard to establish appropriate safety, health, and environmental practices and determine the applicability of regulatory limitations prior to use.

1.4 This international standard was developed in accordance with internationally recognized principles on standardization established in the Decision on Principles for the Development of International Standards, Guides and Recommendations issued by the World Trade Organization Technical Barriers to Trade (TBT) Committee.

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 ASTM International (ASTM) for permission to adopt D5589-19.

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