

STANDARDS AUSTRALIA/STANDARDS NEW ZEALAND

RECONFIRMATION

OF

AS/NZS 1580.481.1.13:1998

Paints and related materials—Methods of test

Method 481.1.13: Coatings—Exposed to weathering—Degree of fungal or algal growth

RECONFIRMATION NOTICE

Technical Committee CH-003 has reviewed the content of this publication and in accordance with Standards Australia procedures for reconfirmation, it has been determined that the publication is still valid and does not require change.

Certain documents referenced in the publication may have been amended since the original date of publication. Users are advised to ensure that they are using the latest versions of such documents as appropriate, unless advised otherwise in this Reconfirmation Notice.

Approved for reconfirmation in accordance with Standards Australia procedures for reconfirmation on 30 May 2013.

Approved for reconfirmation in New Zealand on behalf of the Standards Council of New Zealand on 26 August 2013.

The following are represented on Technical Committee CH-003:

Australasian Corrosion Association
Australian Paint Approval Scheme
Australian Paint Manufacturers' Federation
Australian Pipeline Industry Association
Institution of Professional Engineers New Zealand
Master Painters New Zealand Association
Water Corporation Western Australia

NOTES

Australian/New Zealand Standard™

Paints and related materials—Methods of test

Method 481.1.13: Coatings—Exposed to weathering—Degree of fungal or algal growth

PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee CH/3, Paints and Related Materials, to supersede AS 1580.481.1.13—1992. This Standard is similar to the 1992 edition of AS 1580.481.1.13 but has been revised to incorporate the photographic requirements of AS 1157.1.

METHOD

1 SCOPE This Standard describes a procedure for determining the degree of fungal or algal growth in a paint film that has been exposed to weathering conditions.

2 REFERENCED DOCUMENTS The following documents are referred to in this Standard:

AS

- | | |
|------------|--|
| 1157 | Methods of testing materials for resistance to fungal growth |
| 1157.1 | Part 1: General principles of testing |
| 1580 | Paints and related materials—Methods of test |
| 1580.481.0 | Part 481.0: Coatings—Guide to assessing paint systems exposed to weathering conditions |

AS/NZS

- | | |
|------------|--|
| 1580 | Paints and related materials—Methods of test |
| 1580.457.1 | Method 457.1: Resistance to natural weathering |

ISO

- | | |
|--------|---|
| 4628 | Paints and varnishes—Evaluation of degradation of paint coatings—Designation of intensity, quality and size of common types of defect |
| 4628.1 | Part 1: General principles and rating schemes |

3 DEFINITIONS For the purpose of this Standard the definitions of AS 1580.481.0 and those below apply.

3.1 Algal growth—an amorphous coating of highly diverse microorganisms that undergo photosynthesis, which may vary from green to brown colour.

3.2 Fungal growth—a coating of non-photosynthetic microorganisms consisting of spores, hyphae or both, which is characterized by filamented branched structures.