

STANDARDS AUSTRALIA

RECONFIRMATION
OF
1580.482.1—2006
Paints and related materials—Methods of test
Method 482.1: Determination of fastness to light of interior paint

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 27 April 2016.

The following are represented on Technical Committee CH-003:

Australasian Corrosion Association
Australian Institute of Building
Australian Paint Manufacturers' Federation
Australian Wall and Ceiling Association
CSIRO
Institution of Professional Engineers New Zealand
Master Painters Australia
Master Painters New Zealand Association
National Association of Testing Authorities Australia
National Painting and Decorating Institute
Safe Work Australia
Surface Coatings Association Australia

NOTES

Australian Standard®

AS 1580.482.1—2006

Paints and related materials—Methods of test**Method 482.1: Determination of fastness to light of interior paint**

PREFACE

This Standard was prepared by the Australian members of the Joint Standards Australia/Standards New Zealand Committee CH-003, Paints and Related Materials, to supersede the 1994 edition of the Standard.

METHOD

1 SCOPE

This method describes a procedure for assessing the light-fastness of paints by visual (Method A) or instrumental method (Method B).

2 REFERENCED DOCUMENTS

The following documents are referred to in this Standard:

AS

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| 1580 | Paints and related materials—Methods of test |
| 1580.481.0 | Method 481.0: Coatings—Guide to assessing paint systems exposed to weathering conditions |

AS/NZS

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|------------|---|
| 1580 | Paints and related materials—Methods of test |
| 1580.101.4 | Method 101.4: Conditions of test—Temperature control |
| 1580.601.4 | Method 601.4: Colour—Calculation of colour differences |
| 1580.601.5 | Method 601.5: Colour—Calculation of small colour differences using the CMC equation |

ISO

- | | |
|---------|---|
| 105 | Textiles—Tests for colour fastness |
| 105-A02 | Part A02: Grey scale for assessing change in colour |

3 PRINCIPLE

A painted test panel is exposed to a light source and, after a specified period of exposure, any change in colour in the paint film is determined by comparing it with a reference specimen that has been stored away from the light.

NOTE: A light source could be a north facing window, metal halide lamp, or fluorescent ultraviolet lamp.