

Australian Standard[®]

Paints and related materials—Methods of test

Method 482.1: Determination of fastness to light of interior paint

AS 1580.482.1—2006

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

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|---------|---|
| 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.