

STANDARDS AUSTRALIA/STANDARDS NEW ZEALAND

RECONFIRMATION

OF

AS/NZS 1580.481.1.12:1998

Paints and related materials—Methods of test

Method 481.1.12: Coatings—Exposed to weathering—Degree of colour change

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™

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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee CH/3, Paints and Related Materials, to supersede AS 1580.481.1.12—1991, following a review and rationalization of the AS 1580.481.1 series of Standards.

METHOD

1 SCOPE This Standard sets out a method for determining the colour change of paint test films that have been exposed to weathering conditions.

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

AS

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

105 Textiles—Tests for colour fastness

105-A02 Part A02: Grey scale for assessing change in colour

3 DEFINITIONS For the purpose of this Standard, the definitions of AS 1580.481.0 apply.

4 PRINCIPLE The test panel, which has been superficially cleaned with water, is placed alongside a reference film under recommended lighting conditions, and the contrast between them is graded according to the prescribed grey scale. This grading is then converted to a rating of the colour change.

5 APPARATUS

5.1 Clean water—to be used for washing the test panel. Town water should suffice.