

STANDARDS AUSTRALIA/STANDARDS NEW ZEALAND

RECONFIRMATION

OF

AS/NZS 1580.107.2:1995

Paints and related materials— Methods of test

Method 107.2: Determination of wet film thickness from wet film mass

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/New Zealand Committee CH/3 on Paints and Related Materials to supersede AS 1580.107.2—1980.

The objective of this Standard is to provide a procedure for determining wet film thickness. This Standard is substantially the same as the 1980 edition of AS 1580.107.2, but has been reformatted and redrafted for clarity.

METHOD

1 SCOPE This Standard sets out a procedure for the determination of the wet film thickness of a coating from its wet film mass. This method is intended essentially for use in the application of films of specified thickness to test panels. It is only suitable for use with brushing materials known not to contain an appreciable amount of solvent of high volatility.

NOTE: Because of practical difficulties in weighing to the required degree of accuracy, the method should, in general, only be used when the area of the wet film, i.e. the face area of the test panel, is not less than 0.02 m².

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 |
| 1580.101.5 | Method 101.5: Conditions of test, temperature and humidity controlled |
| 1580.102.1 | Method 102.1: Sampling procedure |
| 1580.103.1 | Method 103.1: Preliminary examination and preparation for testing |
| 1580.104.1 | Method 104.1: Recommended materials for test panels |
| 1580.202.1 | Method 202.1: Density |
| 1580.202.2 | Method 202.2: Density of water-dispersed paints subject to foaming |

3 PRINCIPLE The mass of paint required to achieve a nominated film thickness on a given panel is calculated. Using a weighed sample of paint, a coating is applied to a test panel. The mass of paint applied is determined and the wet film thickness is calculated.