

Australian Standard™

**Paints and related materials—Methods  
of test**

**Part 0: Introduction and list of methods**

This Australian Standard was prepared by Committee CH-003, Paints and Related Materials. It was approved on behalf of the Council of Standards Australia on 25 June 2004.  
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The following are represented on Committee CH-003:

**AUSTROADS**

Australian Paint Approval Scheme

Australian Paint Manufacturers Federation

Master Painters Australia

National Association of Testing Authorities Australia

Surface Coatings Association Australia

Telstra Corporation

Water Corporation Western Australia

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## STANDARDS AUSTRALIA

## Australian Standard

## Paints and related materials—Methods of test

## Part 0: Introduction and list of methods

## GENERAL INTRODUCTION

The AS 1580 series of Standards deals with methods for testing paints and related materials. It includes documents that describe test conditions, sampling procedures and provides guidance on the applicability of the methods. The methods are intended primarily to test materials and establish compliance with relevant Australian Standards or other specifications, however they are also appropriate for general laboratory use and for investigational purposes. The methods may be used in appropriate specifications in an Australian Standard, The Australian Paint Approval Scheme or other contractually related document.

To facilitate information retrieval, the methods are grouped as follows:

Method No.	Description of grouping
1580.100	Test conditions, preparative procedures, film thickness determinations
1580.200	Liquid products—Determination of physical properties
1580.300	Liquid products—Determination of composition by physical methods
1580.400	Cured coatings—Performance by mechanical testing
1580.450	Cured coatings—Performance by durability testing
1580.500	General products—Determination of composition by chemical methods
1580.600	Cured coatings—Determination of visual properties, e.g., colour, gloss, finish

Methods that determine a specific property of a material, or the same property for different materials, are differentiated by a further level of decimal number in the method number.

## LIST OF METHODS

Method No.	Date	Title
101.1	1999	Temperature, humidity and airflow control
101.3	2002	Standard procedure for stoving
101.4	1999	Conditions of test, temperature control
101.5	1999	Conditions of test, temperature and humidity control
102.1	2002	Sampling procedure
102.2	1995	In-process sampling
103.1	1995	Examination and preparation of samples for testing
104.1	2000	Recommended materials for test panels
105.1	2002	Pretreatment of metal test panels—Solvent cleaning

(continued)