

Australian Standard™

Paints and related materials—Methods of test

Method 203.1: Skin formation

METHOD

1 SCOPE

This Standard sets out the alternative procedures for determining the susceptibility of a paint to skinning on storage.

2 REFERENCED DOCUMENTS

The following documents are referred to in this Standard:

AS

1580	Paints and related materials—Methods of test
1580.101.4	Method 101.4: Conditions of test—Temperature control
1580.102.1	Method 102.1: Sampling procedure
1580.103.1	Method 103.1: Preliminary examination and preparation of samples for testing
2854	Tinplate cans for general use

3 PRINCIPLE

A container of paint is allowed to stand for a specified period and the susceptibility of the paint to form a skin during storage is determined using one of the following methods:

- (a) *Method A* The container is held in an oven at 50°C for 24 h before examination.
NOTE: Time and temperature variations may be specified by agreement between interested parties.
- (b) *Method B* The container is held at ambient temperature for 7 d before examination.

4 OCCUPATIONAL HEALTH AND SAFETY

Care should be taken when opening container lids. Refer Manufacturer's Safety Data Sheet (MSDS) when handling products.

5 APPARATUS

The following apparatus is required:

- (a) *Container* Tinplate and of 250 mL capacity, with a tightly fitting lid, complying with AS 2854.
- (b) *Spatula*
- (c) *Oven* Capable of maintaining the test container at 50 ±3°C (Method A only).