

Australian Standard™

Paints and related materials—Methods of test

Method 409.3: Blocking resistance of latex paint finishes

AS 1580.409.3

1 SCOPE

This Standard sets out a method for assessing the ability of a paint finish to resist blocking, when the paint coating is placed in intimate contact with another surface, for a prescribed period under set temperature and pressure, and subsequently separated from that surface.

2 REFERENCED DOCUMENTS

The following documents are referred to in this Standard:

AS

1580	Paints and related materials—Methods of test
1580.101.1	Method 101.1: Conditions of test—Temperature, humidity and airflow control
1580.102.1	Method 102.1: Sampling procedure
1580.102.2	Method 102.2: In-process sampling
1580.103.1	Method 103.1: Examination and preparation of samples for testing
1580.104.1	Method 104.1: Recommended materials for test panels
1580.107.3	Method 107.3: Determination of wet film thickness by gauge
1580.205.1	Method 205.1: Application properties—Brushing
1580.205.2	Method 205.2: Application properties—Conventional spraying
1580.205.3	Method 205.3: Application properties—Roller coating
1580.205.4	Method 205.4: Application properties—Airless spraying
3730	Guide to the properties of paints for buildings
3730.14	Part 14: Undercoat—Solvent-borne—Interior/exterior

AS/NZS

2310	Glossary of paint and painting terms
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3 DEFINITION

For the purpose of this Standard, the definitions in AS/NZS 2310 apply.

4 PRINCIPLE

Paint films are placed in intimate contact and held together under specified pressure and temperature for a specified period. At the end of the test period, the paint films are separated and examined to determine any resultant damage.

5 APPARATUS

5.1 Weight

Weight of mass 1 kg with one flat face.

5.2 Oven

Fan-forced oven, ventilated and capable of maintaining a temperature of $50 \pm 3^\circ\text{C}$ for the test period, unless otherwise specified. The oven shall be of a size that will accommodate the test panel with the weight on a flat horizontal surface.