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# Paints and related materials—Methods of test

## Method 603.1: Finish—General appearance

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### 1 SCOPE

This Standard sets out a method for the visual assessment of the general characteristics, including specific defects, of a surface coating.

### 2 REFERENCED DOCUMENTS

AS/NZS  
2310 Glossary of paint and painting terms

### 3 PRINCIPLE

The surface coating is examined for its characteristics.

### 4 TEST SPECIMEN

A test surface of an appropriate material, not smaller than 100 × 50 mm is required.

### 5 VIEWING ENVIRONMENT

Examination of the surface should preferably be conducted under lighting conditions of not less than 500 lx.

NOTE: Where dispute arises as to the effectiveness of the lighting the finish shall be appraised in the range of 500–1000 lux.

### 6 PROCEDURE

The test procedure shall be one or both of the following:

- (a) From an appropriate distance, visually examine the surface coating for its general characteristics, such as gloss and colour uniformity.
- (b) The finish shall be examined closely without magnification noting any defects, such as mechanical damage, coarse particles, wrinkling, streakiness, floating, mudcracking, brush marks and ‘orange peel’ effect as defined in AS 2310.

### 7 TEST REPORT

The test report shall include the following information:

- (a) Name of testing authority.
- (b) Name of person performing test.
- (c) Date of test and report number.
- (d) The type and identification of the surface coating.
- (e) The distance from which the surface was visually examined.
- (f) General characteristics noted in Clause 6(a).
- (g) Type and extent of the defects noted in Clause 6(b).
- (h) The size of the surface area viewed in Clause 6(b).
- (i) Reference to this Standard, i.e., AS 1580.603.1.