

Australian/New Zealand Standard™

**Guide to the painting of buildings**



## **AS/NZS 2311:2017**

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee CH-003, Paints and Related Materials. It was approved on behalf of the Council of Standards Australia on 11 February 2017 and by the New Zealand Standards Approval Board on 20 January 2017.  
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The following are represented on Committee CH-003:

Australasian Corrosion Association  
Australian Institute of Building  
Australian Paint Manufacturers' Federation  
Australian Wall and Ceiling Association  
CSIRO  
Institution of Professional Engineers New Zealand  
Master Painters Australia  
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# Australian/New Zealand Standard™

## Guide to the painting of buildings

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## PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee CH-003, Paints and Related Materials, to supersede AS/NZS 2311:2009, *Guide to the painting of buildings*.

The objective of this Standard is to provide guidance and recommended good practice for the design, application and maintenance of decorative paint systems for use by the paint industry in the development of painting specifications.

This Standard cannot be nominated as a painting specification, but it can be used as a basis for the preparation of appropriate paint specifications to suit individual contracts. Guidance on the preparation of painting specifications is given in Section 9.

This Standard was revised to introduce the following changes:

- (a) Update referenced documents.
- (b) Include paint type B16A water-borne sealer binder in Table 4.2, Paint types.

The term 'informative' has been used in this Standard to define the application of the appendix to which they apply. An 'informative' appendix is only for information and guidance.

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## FOREWORD

Painting is an accepted method of protecting materials to extend their service life, to enhance their appearance, or for reasons of hygiene.

Alternative materials and systems can also provide satisfactory service; however, the materials and systems included in this Standard are known to perform satisfactorily when correct application methods have been followed.

Because of health, safety and environmental considerations, emphasis has been given to the use of latex paint systems; however, in specific circumstances, alternative solvent-borne systems have been included to ensure that all performance requirements are met. It is recommended that specifiers contact manufacturers to obtain material safety data sheets (MSDSs) when considering matters dealing with health and the safe handling of paints.

STANDARDS AUSTRALIA/STANDARDS NEW ZEALAND  
**Australian/New Zealand Standard**  
**Guide to the painting of buildings**

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S E C T I O N 1     S C O P E   A N D   G E N E R A L

### 1.1 SCOPE

This Standard provides a guide to products and procedures for the painting of buildings for general domestic, commercial and industrial use. Where no specific application standards apply the minimum standard to follow is the recommended specification from the relevant manufacturer specific to the product or type or substrate.

This Standard does not apply to the long-term protection of iron or steel exposed directly to the atmosphere or to internal climates likely to have aggressive environments. These subjects are dealt with in AS/NZS 2312 (series).

### 1.2 OBJECTIVE

This Standard is intended to assist those with interest in building design and maintenance such as trades people, architects, builders or building owners in the preparation of painting specifications for inclusion in contracts. It should not be called up in contracts without also specifying the detail to be derived from it.

In providing guidance on the preparation of painting and repainting specifications for surfaces forming parts of buildings, this Standard necessarily gives choices of paint types for use in different areas. For each contract, the architect, or owners, should draw up a complementary painting schedule to detail the options that are to be used together with a colour schedule. This Standard can then be referred to when specifying the necessary preparation, the coating system and the methods and conditions of application.

NOTE: Information on the preparation of painting specifications is given in Section 9 and Appendices A and B. Information on inspection and testing is given in Appendix C.

### 1.3 REFERENCED DOCUMENTS

The following documents are referred to in this Standard:

AS

1318	Use of colour for the marking of physical hazards and the identification of certain equipment in industry
1345	Identification of the contents of piping, conduits and ducts
1580	Paints and related materials—Methods of test
1580.401.5	Method 401.5: Hard dry condition—Sanding test
1580.408.2	Method 408.2: Adhesion—Knife test
1580.408.4	Method 408.4: Adhesion (crosscut)
1604	Specification for preservative treatment (series)
1627	Metal finishing—Preparation and pretreatment of surfaces
1627.4	Part 4: Abrasive blast cleaning of steel
1789	Electroplated zinc (electrogalvanized) coatings on ferrous articles (batch process)
1897	Electroplated coatings on threaded components (metric coarse series)