

Australian/New Zealand Standard™

Guide to the painting of buildings



AS/NZS 2311:2009

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 24 September 2008 and on behalf of the Council of Standards New Zealand on 10 October 2008.
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The following are represented on Committee CH-003:

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Australian Paint Manufacturers Federation
Australian Retailers Association
AUSTROADS
Building Research Association of New Zealand
Institution of Professional Engineers New Zealand
Master Painters Australia
National Association of Testing Authorities Australia
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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 2311—2000, 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.

CONTENTS

	<i>Page</i>
FOREWORD.....	6
SECTION 1 SCOPE AND GENERAL	
1.1 SCOPE	7
1.2 OBJECTIVE.....	7
1.3 REFERENCED DOCUMENTS	7
1.4 DEFINITIONS	9
1.5 HAZARDOUS MATERIALS	10
1.6 INFLUENCE OF CLIMATE ON EXTERNALLY EXPOSED PAINT.....	11
1.7 INTERNAL ENVIRONMENTS OF BUILDINGS.....	13
1.8 SPREADING RATE, PAINT COVERAGE AND PAINT USAGE	13
1.9 SELECTION OF COLOUR.....	14
1.10 GLOSS LEVEL AND FINISH	17
1.11 ENVIRONMENTAL ISSUES.....	18
SECTION 2 DESIGN FOR PAINTING	
2.1 GENERAL	19
2.2 TIMBER.....	20
2.3 METAL INSTALLATIONS.....	22
2.4 BUILDING BOARDS	23
2.5 BRICKS	25
2.6 CONCRETE.....	25
2.7 GLASS-REINFORCED CONCRETE (GRC).....	26
2.8 SET PLASTER AND CEMENT RENDER.....	26
2.9 PLASTICS.....	26
SECTION 3 PREPARATION OF UNPAINTED SURFACES	
3.1 GENERAL	27
3.2 TIMBER PRODUCTS.....	27
3.3 ORGANIC FIBRE-BASED BUILDING BOARDS	30
3.4 IRON AND STEEL.....	31
3.5 ZINC-COATED AND ZINC/ALUMINIUM ALLOY-COATED STEEL.....	31
3.6 ALUMINIUM	33
3.7 COPPER AND BRASS	33
3.8 LEAD.....	33
3.9 MASONRY	33
3.10 SET PLASTER.....	39
3.11 FIBROUS PLASTER AND PLASTER GLASS.....	44
3.12 GYPSUM PLASTERBOARD.....	44
3.13 PLASTICS.....	45
3.14 ASBESTOS ENCAPSULATION OR SEALING	45
SECTION 4 GENERAL DESCRIPTION OF PAINTS, RELATED MATERIALS AND TREATMENTS	
4.1 GENERAL	46
4.2 SEALERS.....	47
4.3 PRIMERS.....	47

	<i>Page</i>
4.4 UNDERCOATS	47
4.5 SEALER/UNDERCOATS.....	48
4.6 SOLVENT-BORNE PAINTS.....	48
4.7 LATEX (WATERBORNE) PAINTS.....	48
4.8 CLEAR (UNPIGMENTED) FINISHES	49
4.9 TIMBER STAINS	49
4.10 PAVING PAINTS	51
4.11 ROOFING PAINTS.....	51
4.12 BITUMINOUS PAINTS.....	52
4.13 SPECIAL PURPOSE PAINTS	52
4.14 MEMBRANE AND TEXTURED COATINGS.....	52
4.15 PAINT REMOVERS.....	54
4.16 WATER-REPELLENT TREATMENTS FOR TIMBER.....	54
4.17 WATER REPELLENTS FOR CONCRETE AND MASONRY	55
4.18 ANTI-GRAFFITI PAINTS.....	55
4.19 NON-CONVENTIONAL PAINTS.....	56
4.20 HERITAGE PAINT SYSTEMS	57
4.21 PUTTIES, GROUTS AND SEALANTS	58
4.22 LOW VOLATILE ORGANIC COMPOUND PAINTS	59
4.23 ECOLOGICAL PAINTS	60
 SECTION 5 SYSTEMS FOR THE PAINTING OF BUILDINGS	
5.1 CONVENTIONAL PAINTING SYSTEMS	68
5.2 SPECIALIZED PAINTING SYSTEMS	73
5.3 SPECIALIZED APPLICATIONS	74
 SECTION 6 PAINT APPLICATION	
6.1 GENERAL	76
6.2 PAINT PREPARATION	76
6.3 CLIMATIC CONDITIONS	77
6.4 CONDITION OF THE SUBSTRATE	78
6.5 STOPPING AND FILLING	78
6.6 SEQUENCE OF OPERATIONS	79
6.7 METHODS OF APPLICATION	79
6.8 TOUCH UP	85
 SECTION 7 MAINTENANCE OF PAINTED SURFACES	
7.1 GENERAL	86
7.2 CRITERIA FOR ASSESSING WHEN TO REPAINT	86
7.3 PRETREATMENT BEFORE REPAINTING.....	87
7.4 PAINTED SURFACES IN GOOD CONDITION (ALL SUBSTRATES).....	89
7.5 SURFACES IN POOR CONDITION	90
7.6 DISCOLOURATION AND STAINING OF PAINT FILMS.....	94
 SECTION 8 MAINTENANCE PAINTING SYSTEMS	
8.1 GENERAL	97
8.2 RETAIN EXISTING PAINT SYSTEM AND GLOSS AND COLOUR.....	97
8.3 RETAIN EXISTING PAINT SYSTEM BUT CHANGE GLOSS AND COLOUR ...	97
8.4 CHANGE OF PAINT SYSTEM.....	98
8.5 TEST FOR EXISTING PAINT SYSTEM.....	98

SECTION 9 PREPARATION OF PAINTING SPECIFICATIONS

9.1	GENERAL	102
9.2	CONTENT	103
9.3	PROVISION OF DOCUMENTS.....	104
9.4	DEFECTS LIABILITY PERIOD.....	105

APPENDICES

A	CHECKLIST FOR THE PREPARATION OF A PAINTING SYSTEM SPECIFICATION FOR NEW SURFACES.....	106
B	CHECKLIST FOR THE PREPARATION OF A MAINTENANCE PAINTING SYSTEM SPECIFICATION FOR PREVIOUSLY PAINTED SURFACES.....	107
C	INSPECTION AND TESTING	108

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 (MSDS) when considering matters dealing with health and the safe handling of paints.

STANDARDS AUSTRALIA/STANDARDS NEW ZEALAND

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Guide to the painting of buildings

SECTION 1 SCOPE AND GENERAL

1.1 SCOPE

This Standard provides a guide to products and procedures for the painting of buildings for general domestic, commercial and industrial use.

The Standard does not include a specific recommendation for the long-term protection of iron or steel exposed directly to the atmosphere or to internal climates likely to have aggressive environments which are dealt with in AS/NZS 2312.

1.2 OBJECTIVE

The 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, the 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)
1580.457.1	Method 457.1: Resistance to natural weathering
1604	Specification for preservative treatment
1604.1	Part 1: Sawn and round timber
1627	Metal finishing—Preparation and pretreatment of surfaces
1627.4	Part 4: Abrasive blast cleaning
1789	Electroplated zinc (electrogalvanized) coatings on ferrous articles (batch process)