

Australian/New Zealand Standard™

Guide to the painting of buildings

AS/NZS 2311:2000

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee CH/3, Paints and Related Materials. It was approved on behalf of the Council of Standards Australia on 28 April 2000 and on behalf of the Council of Standards New Zealand on 24 April 2000. It was published on 12 June 2000.

The following interests are represented on Committee CH/3:

Australian Paint Approval Scheme
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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Australian/New Zealand Standard™

Guide to the painting of buildings

Originated in Australia as AS 2311—1979.
Originated in New Zealand as NZS 7703:1985.
Previous edition AS 2311—1992.
AS 2311—1992 and NZS 7703:1985 jointly revised, amalgamated
and redesignated as AS/NZS 2311:2000.

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Jointly published by Standards Australia International Ltd, PO Box 1055, Strathfield, NSW 2135
and Standards New Zealand, Private Bag 2439, Wellington 6020

ISBN 0 7337 3388 2

PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee CH/3, Paints and Related Materials, to supersede AS 2311—1992, *The painting of buildings*, and NZS 7703:1985, *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 APPLICATION.....	7
1.3 REFERENCED DOCUMENTS	7
1.4 DEFINITIONS.....	9
1.5 HAZARDOUS MATERIALS	9
1.6 INFLUENCE OF CLIMATE ON EXTERNALLY EXPOSED PAINT	10
1.7 INTERNAL ENVIRONMENTS OF BUILDINGS	12
1.8 SPREADING RATE, PAINT COVERAGE AND PAINT USAGE	12
1.9 SELECTION OF COLOUR	13
1.10 GLOSS LEVEL AND FINISH.....	16
1.11 ENVIRONMENTAL ISSUES.....	16
1.12 NEW DESIGNS AND INNOVATIONS.....	17
SECTION 2 DESIGN FOR PAINTING	
2.1 GENERAL.....	18
2.2 TIMBER	18
2.3 METAL INSTALLATIONS	20
2.4 BUILDING BOARDS.....	21
2.5 BRICKS	23
2.6 CONCRETE.....	23
2.7 GLASS-REINFORCED CONCRETE (GRC)	24
2.8 SET PLASTER AND CEMENT RENDER.....	24
2.9 PLASTICS	24
SECTION 3 PREPARATION OF UNPAINTED SURFACES	
3.1 GENERAL.....	25
3.2 TIMBER PRODUCTS	25
3.3 ORGANIC-FIBRE-BASED BUILDING BOARDS.....	28
3.4 IRON AND STEEL.....	29
3.5 ZINC-COATED AND ZINC/ALUMINIUM ALLOY-COATED STEEL.....	29
3.6 ALUMINIUM.....	30
3.7 COPPER AND BRASS.....	30
3.8 LEAD.....	31
3.9 MASONRY.....	31
3.10 SET PLASTER	34
3.11 FIBROUS PLASTER AND PLASTER GLASS.....	39
3.12 GYPSUM PLASTERBOARD.....	40
3.13 PLASTICS	40
3.14 ASBESTOS ENCAPSULATION OR SEALING.....	41
SECTION 4 GENERAL DESCRIPTION OF PAINTS, RELATED MATERIALS AND TREATMENTS	
4.1 GENERAL.....	42
4.2 SEALERS	43
4.3 PRIMERS.....	43
4.4 UNDERCOATS	43

	<i>Page</i>
4.5 SEALER/UNDERCOATS	44
4.6 SOLVENT-BORNE PAINTS	44
4.7 LATEX (WATERBORNE) PAINTS	44
4.8 CLEAR (UNPIGMENTED) FINISHES	44
4.9 TIMBER STAINS	45
4.10 PAVING PAINTS	47
4.11 ROOFING PAINTS	47
4.12 BITUMINOUS PAINTS	47
4.13 SPECIAL PURPOSE PAINTS	47
4.14 MEMBRANE OR TEXTURED COATINGS	48
4.15 PAINT REMOVERS	49
4.16 WATER-REPELLENT TREATMENTS FOR TIMBER	49
4.17 WATER REPELLENTS FOR CONCRETE AND MASONRY	50
4.18 ANTI-GRAFFITI PAINTS	50
4.19 NON-CONVENTIONAL PAINTS	51
4.20 HERITAGE PAINTS	52
SECTION 5 SYSTEMS FOR THE PAINTING OF BUILDINGS	
5.1 CONVENTIONAL PAINTING SYSTEMS	61
5.2 SPECIALIZED PAINTING SYSTEMS	66
5.3 SPECIALIZED APPLICATIONS	68
SECTION 6 PAINT APPLICATION	
6.1 GENERAL	70
6.2 PAINT PREPARATION	70
6.3 CLIMATIC CONDITIONS	71
6.4 CONDITION OF THE SUBSTRATE	72
6.5 STOPPING AND FILLING	73
6.6 SEQUENCE OF OPERATIONS	73
6.7 METHODS OF APPLICATION	73
6.8 TOUCH UP	79
SECTION 7 MAINTENANCE OF PAINTED SURFACES	
7.1 GENERAL	80
7.2 CRITERIA FOR ASSESSING WHEN TO REPAINT	80
7.3 PRETREATMENT BEFORE REPAINTING	81
7.4 PAINTED SURFACES IN GOOD CONDITION (ALL SUBSTRATES)	83
7.5 SURFACES IN POOR CONDITION	84
7.6 DISCOLOURATION OF PAINT FILMS	88
SECTION 8 MAINTENANCE PAINTING SYSTEMS	
8.1 GENERAL	91
8.2 RETAIN EXISTING PAINT SYSTEM AND GLOSS AND COLOUR	91
8.3 RETAIN EXISTING PAINT SYSTEM BUT CHANGE GLOSS AND COLOUR ...	91
8.4 CHANGE OF PAINT SYSTEM	92
8.5 TEST FOR EXISTING PAINT SYSTEM	92
SECTION 9 PREPARATION OF PAINTING SPECIFICATIONS	
9.1 GENERAL	96
9.2 CONTENT	97
9.3 PROVISION OF DOCUMENTS	98
9.4 DEFECTS LIABILITY PERIOD	99

Page

APPENDICES

A	CHECK LIST FOR THE PREPARATION OF A PAINTING SYSTEM SPECIFICATION FOR NEW SURFACES.....	100
B	CHECK LIST FOR THE PREPARATION OF A MAINTENANCE PAINTING SYSTEM SPECIFICATION FOR PREVIOUSLY PAINTED SURFACES	101
C	INSPECTION AND TESTING.....	102
D	EQUIVALENT PAINT SPECIFICATIONS	106
INDEX.....		109

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

Australian/New Zealand Standard 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 specific recommendations 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 APPLICATION

The Standard is intended to assist trades people, architects 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 (cross-cut)
1580.457.1	Method 457.1: Resistance to natural weathering
1604	Timber —Preservative treated —Sawn and round
1627	Metal finishing—Preparation and pretreatment of surfaces
1627.4	Part 4: Abrasive blast cleaning
1680	Interior lighting
1680.1	Part 1: General principles and recommendations
1940	The storage and handling of flammable and combustible liquids
2430	Classification of hazardous areas