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.

This Standard was published on 23 March 2009.

The following are represented on Committee CH-003:

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
New Zealand Abrasive Blasting Association
New Zealand Manufacturers Federation
New Zealand Painting Contactors Association
Surface Coatings Association Australia
Telstra Corporation
Water Corporation Western Australia

## Keeping Standards up-to-date

Standards are living documents which reflect progress in science, technology and systems. To maintain their currency, all Standards are periodically reviewed, and new editions are published. Between editions, amendments may be issued. Standards may also be withdrawn. It is important that readers assure themselves they are using a current Standard, which should include any amendments which may have been published since the Standard was purchased.

Detailed information about joint Australian/New Zealand Standards can be found by visiting the Standards Web Shop at www.standards.com.au or Standards New Zealand web site at www.standards.co.nz and looking up the relevant Standard in the on-line catalogue.

Alternatively, both organizations publish an annual printed Catalogue with full details of all current Standards. For more frequent listings or notification of revisions, amendments and withdrawals, Standards Australia and Standards New Zealand offer a number of update options. For information about these services, users should contact their respective national Standards organization.

We also welcome suggestions for improvement in our Standards, and especially encourage readers to notify us immediately of any apparent inaccuracies or ambiguities. Please address your comments to the Chief Executive of either Standards Australia or Standards New Zealand at the address shown on the back cover.

This Standard was issued in draft form for comment as DR 07334.

AS/NZS 2311:2009

## 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/NZS 2311:2000. Fifth edition 2009.

### COPYRIGHT

© Standards Australia/Standards New Zealand

All rights are reserved. No part of this work may be reproduced or copied in any form or by any means, electronic or mechanical, including photocopying, without the written permission of the publisher.

Jointly published by Standards Australia, GPO Box 476, Sydney, NSW 2001 and Standards New Zealand, Private Bag 2439, Wellington 6020

### **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**

		Page
FOREW	ORD	6
TOTAL W		
SECTIO	ON 1 SCOPE AND GENERAL	
1.1	SCOPE	7
1.1	OBJECTIVE	
1.3	REFERENCED DOCUMENTS	
1.4	DEFINITIONS	
1.5	HAZARDOUS MATERIALS	
1.6	INFLUENCE OF CLIMATE ON EXTERNALLY EXPOSED PAINT	
1.7	INTERNAL ENVIRONMENTS OF BUILDINGS	
1.8	SPREADING RATE, PAINT COVERAGE AND PAINT USAGE	
1.9	SELECTION OF COLOUR	
1.10		
1.11		
1.11	ENVIRONWENTAL ISSUES	10
SECTIO	ON 2 DESIGN FOR PAINTING	
2.1	GENERAL	19
2.2	TIMBER	
2.3	METAL INSTALLATIONS	
2.4	BUILDING BOARDS	
2.5	BRICKS	
2.6	CONCRETE	
2.7	GLASS-REINFORCED CONCRETE (GRC)	
2.8	SET PLASTER AND CEMENT RENDER	
2.9	PLASTICS	
2.7		20
SECTIO	ON 3 PREPARATION OF UNPAINTED SURFACES	
3.1	GENERAL	27
3.2	TIMBER PRODUCTS	
3.3	ORGANIC FIBRE-BASED BUILDING BOARDS	
3.4	IRON AND STEEL	
3.5	ZINC-COATED AND ZINC/ALUMINIUM ALLOY-COATED STEEL	
3.6	ALUMINIUM	
3.7	COPPER AND BRASS	
3.8	LEAD	
3.9	MASONRY	
	SET PLASTER.	
	FIBROUS PLASTER AND PLASTER GLASS	
	GYPSUM PLASTERBOARD	
	PLASTICS	
	ASBESTOS ENCAPSULATION OR SEALING	
3.17	ASDESTOS LIVEAT SOLATION OR SEALING	
SECTIO	ON 4 GENERAL DESCRIPTION OF PAINTS, RELATED MATERIALS A	ND
	TREATMENTS	
4.1	GENERAL	46
4.2	SEALERS	
4.3	PRIMERS	



	This is a free preview.	Purchase the e	entire publication	at the link below:
--	-------------------------	----------------	--------------------	--------------------

**Product Page** 

- Dooking for additional Standards? Visit Intertek Inform Infostore
- Dearn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation