

Australian Standard<sup>®</sup>

**Durability of galvanized and  
electrogalvanized zinc coatings for the  
protection of steel in structural  
applications—Atmospheric**



This Australian Standard® was prepared by Committee MT-014, Corrosion of Metals. It was approved on behalf of the Council of Standards Australia on 7 April 2008. This Standard was published on 19 May 2008.

---

The following are represented on Committee MT-014:

- Australasian Corrosion Association
  - Australian Chamber of Commerce and Industry
  - Australian Electrolysis Committee
  - Australian Paint Approval Scheme
  - Australian Pipeline Industry Association
  - AUSTROADS
  - Blast Cleaning and Coating Association of Australia
  - Bureau of Steel Manufacturers of Australia
  - Corrosion Prevention Centre
  - CSIRO Manufacturing and Materials Technology
  - Galvanizers Association of Australia
  - Materials Australia
  - Plumbing Products Industry Group
  - Water Services Association of Australia
  - Water Utility Interests
- 

This Standard was issued in draft form for comment as DR 07267.

Standards Australia wishes to acknowledge the participation of the expert individuals that contributed to the development of this Standard through their representation on the Committee and through the public comment period.

---

### **Keeping Standards up-to-date**

Australian Standards® are living documents that 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Standards may also be withdrawn.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 that may have been published since the Standard was published.

Detailed information about Australian Standards, drafts, amendments and new projects can be found by visiting [www.standards.org.au](http://www.standards.org.au)

Standards Australia welcomes suggestions for improvements, and encourages readers to notify us immediately of any apparent inaccuracies or ambiguities. Contact us via email at [mail@standards.org.au](mailto:mail@standards.org.au), or write to Standards Australia, GPO Box 476, Sydney, NSW 2001.

---

Australian Standard<sup>®</sup>

**Durability of galvanized and  
electrogalvanized zinc coatings for the  
protection of steel in structural  
applications—Atmospheric**

First published as AS 2309—2008.

**COPYRIGHT**

© Standards Australia

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.

Published by Standards Australia GPO Box 476, Sydney, NSW 2001, Australia

ISBN 0 7337 8700 2

## PREFACE

This Standard has been prepared by the Australian members of the Joint Standards Australia/Standards New Zealand Committee MT-014, Corrosion of Metals. After consultation with stakeholders in both countries, Standards Australia and Standards New Zealand decided to develop this Standard as an Australian Standard rather than an Australian/New Zealand Standard.

The objective of this Standard is to specify a classification for the durability of metallic zinc based coatings on structural steels and to provide a broader understanding of the application of the product.

Currently there is no appropriate International Standard for classification of metallic coatings.

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

## CONTENTS

	<i>Page</i>
1 SCOPE.....	4
2 REFERENCED DOCUMENTS.....	4
3 DEFINITIONS.....	5
4 SERVICE LIFE AND DURABILITY .....	7
5 INSTALLATION.....	14

## APPENDICES

A PURCHASING GUIDELINES.....	15
B MEANS FOR DEMONSTRATING COMPLIANCE WITH THIS STANDARD .....	16
C HANDLING AND TEMPORARY PROTECTION DURING TRANSPORTATION AND INSTALLATION.....	18
D DURABILITY PERFORMANCE IN AGGRESSIVE ENVIRONMENTS .....	20
E SPECIFICATION PREPARATION .....	23
F REPAIR OF GALVANIZED STEEL COATINGS .....	25

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

## **AS 2309 : 2008 : EN PDF**

- 
- ⊙ Looking for additional Standards? Visit SAI Global Infostore
  - ⊙ Learn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation
- 

Need to speak with a Customer Service Representative - Contact Us