Retain in Supposed ... collection is a free page sample Access the full version online. INFORMATION CENTRE AS 1650-1989 19990505 STANDARDS AUSTRALIA SUPERSEDED BY: AS/NZS 4534:1998 (in part) AS/NZS 4680:1999 (in part) AS/NZS 4792:1999 Australian Standard® Hot-dipped galvanized coatings on ferrous articles

Ε

1



This Australian Standard was prepared by Committee MT/9, Metal Finishing. It was approved on behalf of the Council of Standards Australia on 5 July 1989 and published on 7 August 1989.

The following interests are represented on Committee MT/9:

Aluminium Development Council

Australasian Institute of Metal Finishing

Bureau of Steel Manufacturers of Australia

Confederation of Australian Industry

Department of Defence

Metal Trades Industry Association of Australia

Royal Australian Chemical Institute

Telecom Australia

University of Queensland

Additional interests participating in preparation of Standard:

Australian Zinc Development Association

Galvanizers Association of Australia

Tubemaking organizations

Review of Australian Standards. To keep abreast of progress in industry, Australian Standards are subject to periodic review and are kept up-to-date by the issue of amendments or new editions as necessary. It is important therefore that Standards users ensure that they are in possession of the latest edition, and any amendments thereto.

is important therefore that Standards users ensure that they are in possession of the talest edition, and any amendments thereto. Full details of all Australian Standards and related publications will be found in the Standards Australia Catalogue of Publications; this information is supplemented each month by the magazine 'The Australian Standard', which subscribing members receive, and which gives details of new publications, new editions and amendments, and of withdrawn Standards. Suggestions for improvements to Australian Standards, addressed to the head office of Standards Australia, see welcomed. Notification of any incorporation of ambiguity found in an Australian Standard should be

Suggestions for improvements to Australian Standards, addressed to the head office of Standards Australia, are welcomed. Notification of any inaccuracy or ambiguity found in an Australian Standard should be made without delay in order that the matter may be investigated and appropriate action taken.

This Standard was issued in draft form for comment as DR 86184.

Australian Standard®

ł

Hot-dipped galvanized coatings on ferrous articles

First published in part as AS K53—1942 Second edition 1960 AS 1650 first published 1974. AS K53—1960 and AS 1650—1974 revised, amalgamated and redesignated AS 1650—1981. Third edition 1989.

PUBLISHED BY STANDARDS AUSTRALIA (STANDARDS ASSOCIATION OF AUSTRALIA) 1 THE CRESCENT, HOMEBUSH, NSW 2140

PREFACE

This Standard was prepared by Standards Australia's Committee on Metal Finishing to supersede AS 1650–1981, *Galvanized coatings*.

In this edition the section on fasteners has been deleted. It is considered that this is adequately covered by AS 1214, Hot-dip galvanized coatings on threaded fasteners (ISO metric coarse thread series).

The Preece Test for uniformity of coating is not included in the Standard since it is recognized, both in Australia and overseas, that it has many drawbacks which make it highly suspect in a pass/fail situation.

© Copyright — STANDARDS AUSTRALIA

Users of Standards are reminded that copyright subsists in all Standards Australia publications and software. Except where the Copyright Act allows and except where provided for below no publications or software produced by Standards Australia may be reproduced, stored in a retrieval system in any form or transmitted by any means without prior permission in writing from Standards Australia: Permission may be conditional on an appropriate royalty payment. Requests for permission and information on commercial software royalties should be directed to the Head Office of Standards Australia.

Standards Australia will permit up to 10 percent of the technical content pages of a Standard to be copied for use exclusively in-house by purchasers of the Standard without payment of a royalty or advice to Standards Australia.

Standards Australia will also permit the inclusion of its copyright material in computer software programs for no royalty payment provided such programs are used exclusively in-house by the creators of the programs.

Care should be taken to ensure that material used is from the current edition of the Standard and that it is updated whenever the Standard is amended or revised. The number and date of the Standard should therefore be clearly identified.

The use of material in print form or in computer software programs to be used commercially, with or without payment, or in commercial contracts is subject to the payment of a royalty. This policy may be varied by Standards Australia at any time.

}

)

.

.

CONTENTS

SECT	ION 1. SCOPE AND GENERAL	Iug
1.1	SCOPE	4
1.2		4
1.3	DEFINITIONS	4
1.4		5
1.5		5
1.6		5
1.7	TEST REQUIREMENTS	5
SECT	ION 2. SHEET	
2.1	SCOPE OF SECTION	6
2.2		6
2.3		6
2.4		6
2.5	•	6
SECT	ION 3. HOLLOW SECTIONS	
	*	
3.1		8
3.2		8
3.3		8
3.4	ADHERENCE OF COATING	8
SECT	ION 4. WIRE OF CIRCULAR CROSS-SECTION	
4.1	SCOPE OF SECTION	9
4.2		9
4.3		9
4.4		9
		,
SECT	ION 5. GENERAL ARTICLES	
5.1	SCOPE OF SECTION	10
5.2	COATING MASS REQUIREMENTS	10
5.3	ADHERENCE OF COATING	10
APPE	ENDICES	
	· · · · · · · · · · · · · · · · · · ·	
A	PURCHASING GUIDELINES	11
B	DETERMINATION OF COMPLIANCE OF A BATCH	12
С	RECOMMENDED PROCEDURES FOR DESIGN AND PREPA- RATION OF MATERIALS PRIOR TO GALVANIZING	14
D	DIMENSIONAL CRADITIN	14
E		10
F	EMBRITTLEMENT OF STEEL RENOVATION OF DAMAGED OR UNCOATED AREAS	19
G	TRANSPORT AND STORAGE OF GALVANIZED ARTICLES	20
н	DETERMINATION OF COATING MASS	20

•

Page

•

.



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

Product Page

S Looking for additional Standards? Visit Intertek Inform Infostore

> Learn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation