

AS/NZS 1892.3:1996

Australian/New Zealand Standard[®]

Portable ladders

Part 3: Reinforced plastic

AS/NZS 1892.3:1996

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee SF/34, Portable Ladders. It was approved on behalf of the Council of Standards Australia on 8 February 1996 and on behalf of the Council of Standards New Zealand on 19 February 1996. It was published on 5 August 1996.

The following interests are represented on Committee SF/34:

Aluminium Development Council
Australian Chamber of Manufactures
Composites Institute of Australia
Department of Consumer Affairs, N.S.W.
Department of Occupational Health Safety and Welfare, W.A.
Federal Bureau of Consumer Affairs
Ladder Manufacturers' Association of Australia
Metal Trades Industry Association of Australia
New Zealand Manufacturers' Federation
University of New South Wales
Wellington Manufacturers Association

Review of Standards. To keep abreast of progress in industry, Joint Australian/New Zealand 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.

Full details of all Joint Standards and related publications will be found in the Standards Australia and Standards New Zealand Catalogue of Publications; this information is supplemented each month by the magazines 'The Australian Standard' and 'Standards New Zealand', which subscribing members receive, and which give details of new publications, new editions and amendments, and of withdrawn Standards.

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

AS/NZS 1892.3:1996

Australian/New Zealand Standard[®]

Portable ladders

Part 3: Reinforced plastic

PUBLISHED JOINTLY BY:

STANDARDS AUSTRALIA
1 The Crescent,
Homebush NSW 2140 Australia

STANDARDS NEW ZEALAND
Level 10, Standards House,
155 The Terrace,
Wellington 6001 New Zealand

ISBN 0 7262 0416 6

PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee SF/34 on Portable Ladders, as a first edition in Australia, and to supersede (in part) NZS 5233:1986, *Specification for portable ladders (other than timber ladders)*.

It is one of a series of Australian Standards covering the safe design, manufacture and use of portable ladders and accessories. Other Standards in the series are the following:

AS

1892.2 Part 2: Portable ladders—Timber

AS/NZS

1892.1 Part 1: Portable ladders—Metal

The terms ‘normative’ and ‘informative’ have been used in this Standard to define the application of the appendix to which they apply. A ‘normative’ appendix is an integral part of a Standard, whereas an ‘informative’ appendix is only for information and guidance.

During the development of this Standard, reference was made to ANSI A14.5—1992 *Ladders—Portable reinforced plastic—Safety requirements*. Acknowledgment is made of the assistance received therefrom.

© 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

	<i>Page</i>
SECTION 1 SCOPE AND GENERAL	
1.1 SCOPE	6
1.2 OBJECTIVE	6
1.3 APPLICATION	6
1.4 PARTICULAR REQUIREMENTS	6
1.5 REFERENCED DOCUMENTS	6
1.6 DEFINITIONS	7
SECTION 2 GENERAL REQUIREMENTS	
2.1 DESIGN AND CONSTRUCTION	10
2.2 RATING	10
2.3 MATERIALS	10
2.4 ELECTRICAL PROPERTIES	12
2.5 QUALITY OF MANUFACTURE AND FINISH	13
2.6 STILES	13
2.7 TREADS AND RUNGS	13
2.8 MARKING	14
SECTION 3 PARTICULAR REQUIREMENTS FOR SINGLE LADDERS	
3.1 LENGTH	16
3.2 DISTANCE BETWEEN STILES	16
3.2 PERFORMANCE	16
SECTION 4 PARTICULAR REQUIREMENTS FOR EXTENSION LADDERS	
4.1 LENGTH	17
4.2 EXTENSION OF STILE ABOVE TOP	17
4.3 DISTANCE BETWEEN STILES	17
4.4 OVERLAP	17
4.5 STOPS	17
4.6 FITTINGS	17
4.7 LIFTING DEVICES	18
4.8 PERFORMANCE	18
SECTION 5 PARTICULAR REQUIREMENTS FOR STEPLADDERS	
5.1 LENGTH	19
5.3 DISTANCE BETWEEN STILES	19
5.3 BACK LEGS	19
5.4 SPREAD BETWEEN STILES AND BACK LEGS	19
5.5 BEARING AREA OF FEET	19
5.6 TREADS	20
5.7 SPREADER	20
5.8 TOP CAP	20
5.9 PERFORMANCE	20

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

[Product Page](#)

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