

Australian Standard™

Specification for preservative treatment

Part 1: Sawn and round timber



S t a n d a r d s Australia

This Australian Standard was prepared by Committee TM/6, Timber Preservation and Durability. It was approved on behalf of the Council of Standards Australia on 28 April 2000 and published on 26 June 2000.

The following interests are represented on Committee TM/6:

CSIRO Forestry and Forest Products
Housing Industry Association, Australia
Institution of Engineers, Australia
National Registration Authority for Agricultural and Veterinary Chemicals
New Zealand Forest Research Institute
New Zealand Timber Industry Federation
New Zealand Timber Preservation Council
Plywood Association of Australia
Queensland Forest Research Institute
State Forests of New South Wales
Timber Preservers Association of Australia
Timber Promotion Council
Timber Research and Development Advisory Council of Queensland

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 Standards may also be withdrawn.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 Standards can be found by visiting the Standards Australia web site at www.standards.com.au and looking up the relevant Standard in the on-line catalogue.

Alternatively, the printed Catalogue provides information current at 1 January each year, and the monthly magazine, *The Australian Standard*, has a full listing of revisions and amendments published each month.

We also welcome suggestions for improvement in our Standards, and especially encourage readers to notify us immediately of any apparent inaccuracies or ambiguities. Contact us via email at mail@standards.com.au, or write to the Chief Executive, Standards Australia International Ltd, GPO Box 5420, Sydney, NSW 2001.

AS 1604.1—2000
(Incorporating Amendment No. 1)

Australian Standard™

Specification for preservative treatment

Part 1: Sawn and round timber

Originated as INT 91—1945 and INT 92—1945.
Previous edition AS 1604—1997.
Revised and redesignated AS 1604.1—2000.
Reissued incorporating Amendment No. 1 (April 2001).

COPYRIGHT

© Standards Australia International

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 International Ltd
GPO Box 5420, Sydney, NSW 2001, Australia

ISBN 0 7337 3333 6

PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee TM/6, Timber Preservation, to supersede AS 1604—1997, *Timber—Preservative-treated—Sawn and round*.

This Standard incorporates Amendment No. 1 (April 2001). The changes required by the Amendment are indicated in the text by a marginal bar and amendment number against the clause, note, table, figure, or part thereof affected.

This Standard is the result of a consensus among Australian and New Zealand representatives on the Joint Committee to produce it as an Australian Standard.

The objective of this Standard is to specify requirements for preservative-treated sawn and round timber for protection against decay, insect or marine borer attack.

The objectives of this revision are to —

- (a) incorporate the changes in Amendment No. 1 (issued on 5 July 1998);
- (b) update retention levels for ammoniacal copper quaternary (ACQ) in hazard classes H3 and H4;
- (c) include copper azole treatment for hazard classes H3 and H4; and
- (d) include preservative specification for high temperature creosote originally given in AS 1143—1973, *High temperature creosote for the preservation of timber*.

This Standard is the first part in the AS 1604 series of Standards, which covers specification for preservative treatment of timber products, as follows:

AS 1604	Specification for preservative treatment
AS 1604.1	Part 1: Sawn and round timber
AS/NZS 1604.2	Part 2: Reconstituted wood-based products
AS/NZS 1604.3	Part 3: Glued veneer-based products

This Standard does not specify the methods of preservative treatment that may be adopted to achieve the specified penetrations and retentions. Where the user is uncertain of the appropriate preservative treatment, additional information may be obtained from organizations such as state and territory forestry authorities, and the CSIRO Forestry and Forest Products.

Preservatives not covered in this edition, and which may have general application, should be brought to the attention of Standards Australia for consideration for inclusion in future editions.

The following colour page coding is used to differentiate the six hazard classes for the purpose of user friendliness:

- (i) *Orange* — Hazard class selection guide.
- (ii) *Yellow* — Hazard class 1.
- (iii) *Blue* — Hazard class 2.
- (iv) *Pink* — Hazard class 3.
- (v) *Green* — Hazard class 4.
- (vi) *Cream* — Hazard class 5.
- (vii) *Grey* — Hazard classes 6.

Statements expressed in mandatory terms in notes to tables are deemed to be an integral part of this Standard.

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.

CONTENTS

	<i>Page</i>
FOREWORD	5
SECTION 1 SCOPE AND GENERAL	
1.1 SCOPE.....	6
1.2 APPLICATION	6
1.3 LIMITATIONS.....	6
1.4 REFERENCED DOCUMENTS.....	7
1.5 DEFINITIONS.....	8
1.6 TIMBER PRESERVATIVE	9
1.7 SELECTION OF HAZARD CLASS NUMBER.....	9
1.8 PRESERVATIVE TREATMENT.....	13
SECTION 2 HAZARD CLASS 1	
2.1 GENERAL.....	15
2.2 PRESERVATIVE PENETRATION ZONE	15
2.3 PRESERVATIVE RETENTION REQUIREMENT.....	15
SECTION 3 HAZARD CLASS 2	
3.1 GENERAL.....	17
3.2 PRESERVATIVE PENETRATION ZONE	17
3.3 PRESERVATIVE RETENTION REQUIREMENT.....	17
SECTION 4 HAZARD CLASS 3	
4.1 GENERAL.....	19
4.2 PRESERVATIVE PENETRATION ZONE	19
4.3 PRESERVATIVE RETENTION REQUIREMENT.....	19
SECTION 5 HAZARD CLASS 4	
5.1 GENERAL.....	21
5.2 PRESERVATIVE PENETRATION ZONE	21
5.3 PRESERVATIVE RETENTION REQUIREMENT.....	21
SECTION 6 HAZARD CLASS 5	
6.1 GENERAL.....	23
6.2 PRESERVATIVE PENETRATION ZONE	23
6.3 PRESERVATIVE RETENTION REQUIREMENT.....	23
SECTION 7 HAZARD CLASS 6	
7.1 GENERAL.....	25
7.2 PRESERVATIVE PENETRATION ZONE	25
7.3 PRESERVATIVE RETENTION REQUIREMENT.....	26
SECTION 8 MARKING AND CERTIFICATE OF TREATMENT	
8.1 LEGIBLE MARKING	27
8.2 MARKING INFORMATION	27
8.3 NUMERICAL LAYOUT OF BRANDS	27
8.4 EXEMPTIONS FROM MARKING.....	27
8.5 CERTIFICATE OF TREATMENT	28

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](#)
-