This is a free page sample. Access the full version online.

AS 1684.3 C3 Supp 7—2010
Reconfirmed 2024

AS 1684.3 C3 Supp 7—2010

AS 1684.3 C3 Supplement 7—2010

Residential timber-framed construction

Part 3: Cyclonic areas
C3 Supplement 7: Timber framing span tables—Wind classification C3—WA seasoned hardwood—Stress Grade F14 (Supplement to AS 1684.3—2010)

STANDARDS
Australia

This is a free page sample. Access the full version online.

This Australian Standard Supplement was prepared by Committee TM-002, Timber Framing. It was approved on behalf of the Council of Standards Australia on 21 December 2009. This Standard was published on 21 June 2010.

The following are represented on Committee TM-002:

- A3P
- Association of Consulting Engineers, Australia
- Australian Building Codes Board
- Australian Institute of Building
- Building Research Association of New Zealand
- CSIRO Manufacturing and Infrastructures Technology
- Engineered Wood Products Association of Australasia
- Engineers Australia
- Forest Industries Federation (WA)
- Frame and Truss Manufacturers Association Australia
- Housing Industry Association
- Master Builders, Australia
- New Zealand Timber Industry Federation
- Scion
- South Australian Housing Trust
- Timber and Building Materials Association, NSW
- Timber Development Association, NSW
- Timber Queensland

Additional Interests:

- Mr Peter Juniper

Standards Australia wishes to acknowledge the participation of the expert individuals that contributed to the development of this Supplement through their representation on the Committee.

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Standards may also be withdrawn.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

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, or write to Standards Australia, GPO Box 476, Sydney, NSW 2001.

This is a free page sample. Access the full version online.

STANDARDS AUSTRALIA

RECONFIRMATION

OF

AS 1684.3 C3 Supp 7—2010
Residential timber-framed construction
Part 3: Cyclonic areas
C3 Supplement 7: Timber framing span tables—Wind classification C3—WA seasoned hardwood—Stress Grade F14
(Supplement to AS 1684.3—2010)

RECONFIRMATION NOTICE

Technical Committee TM-010 has reviewed the content of this publication and in accordance with Standards Australia procedures for reconfirmation, it has been determined that the publication is still valid and does not require change.

Certain documents referenced in the publication may have been amended since the original date of publication. Users are advised to ensure that they are using the latest versions of such documents as appropriate, unless advised otherwise in this Reconfirmation Notice.

Approved for reconfirmation in accordance with Standards Australia procedures for reconfirmation on 01 May 2024.

The following are represented on Technical Committee TM-010:

Australian Building Codes Board
Australian Engineered Fasteners and Anchors Council
Australian Forest Products Association
Australian Institute of Building Surveyors
Australian Timber Flooring Association
Engineers Australia
Forest Industries Federation (WA)
Forest and Wood Products Australia Ltd.
Frame & Truss Manufacturers Association Australia
Glued Laminated Timber Association of Australia
Griffith University
Housing Industry Association
Housing SA
Institution of Fire Engineers
James Cook University
Master Builders Australia
The University of Queensland
Timber Development Association (NSW) Limited
Timber Queensland
University of Technology Sydney

This is a free page sample. Access the full version online.

AS 1684.3 C3 Supplement 7—2010

Residential timber-framed construction

Part 3: Cyclonic areas
C3 Supplement 7: Timber framing span tables—Wind classification C3—WA seasoned hardwood—Stress Grade F14 (Supplement to AS 1684.3—2010)

First published as AS 1684.3 C3 Supp 7—1999.
Second edition 2006.
Third edition 2010.

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 978 0 7337 9572 5

This is a free page sample. Access the full version online.

LIST OF TABLES

SINGLE OR UPPER STOREY

1 FLOOR BEARERS – Supporting single or upper storey loadbearing walls – FLW 1200
2 FLOOR BEARERS – Supporting single or upper storey loadbearing walls – FLW 2400
3 FLOOR BEARERS – Supporting single or upper storey loadbearing walls – FLW 3600
4 FLOOR BEARERS – Supporting single or upper storey loadbearing walls – FLW 4800
5 FLOOR BEARERS – Supporting floor load only
6 FLOOR JOISTS
7 WALL STUDS – Not notched single or upper storey
8 WALL STUDS – Notched 20 mm single or upper storey
9 STUDS SUPPORTING CONCENTRATED LOADS – Not notched
10 STUDS SUPPORTING CONCENTRATED LOADS – Notched to 20 mm
11 JAMB STUDS – Single or upper storey
12 INTERNAL LOADBEARING WALL STUDS – Not notched single or upper storey
13 INTERNAL LOADBEARING WALL STUDS – Notched to 20 mm single or upper storey
14 BOTTOM PLATES - Supporting single or upper storey
15 TOP PLATES – Single or upper storey sheet roof
16 TOP PLATES - Single or upper storey tile roof
17 LINTELS – Sheet roof – Single or upper storey loadbearing walls
18 LINTELS – Tile roof – Single or upper storey loadbearing walls
19 LINTELS – Sheet roof – Supporting concentrated roof loads
20 LINTELS – Tile roof – Supporting concentrated roof loads
21 CEILING JOISTS – Supporting ceiling loads, no overbatten
22 CEILING JOISTS – Supporting ceiling loads with overbatten
23 HANGING BEAMS – Supporting ceiling loads
24 COUNTER BEAMS
25 STRUTTING/HANGING BEAMS – Supporting roof & ceiling loads
26 STRUTTING/COUNTER BEAMS – Supporting roof & ceiling loads
27 STRUTTING BEAMS
28 UNDERPURLINS
29 RAFTERS OR PURLINS
30 RIDGE OR INTERMEDIATE BEAMS – Single span
31 RIDGE OR INTERMEDIATE BEAMS – Continuous span
32 ROOF BATTENS – Supporting roofing only

LOWER STOREY OF TWO STOREY

33 FLOOR BEARERS – Supporting two storey loadbearing walls – FLW 1800
34 FLOOR BEARERS – Supporting two storey loadbearing walls – FLW 3600
35 FLOOR BEARERS – Lower Storey of two storey supporting upper and lower floor loads only
36 WALL STUDS – Not notched lower storey loadbearing walls
37 WALL STUDS - Notched to 20 mm lower storey loadbearing walls
38 STUDS – Not notched – Supporting concentrated floor loads
39 STUDS – Notched to 20 mm – Supporting concentrated floor loads
40 JAMB STUDS – Lower storey of two storey – FLW 1800
41 JAMB STUDS – Lower storey of two storey – FLW 3600
42 JAMB STUDS – Lower storey of two storey – FLW 4800
43 WALL STUDS - Not notched supporting floor loads only
44 WALL STUDS - Notched to 20 mm supporting floor loads only
45 BOTTOM PLATES – Lower storey of two storey
46 TOP PLATES – Lower storey of two storey
47 LINTELS – Lower storey loadbearing walls – Sheef roof
48 LINTELS – Lower storey loadbearing walls – Tile roof

VERANDAHS, POSTS & DECKS

49 DECK BEARERS
50 DECK JOISTS
51 VERANDAH BEAMS – Single span
52 VERANDAH BEAMS – Continuous span
53 POSTS SUPPORTING ROOF AND/OR FLOOR LOADS

COPYRIGHT

SAI GLOBAL

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