

Australian/New Zealand Standard™

**Scaffold decking components**



### **AS/NZS 1577:2013**

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee BD-036, Scaffolding. It was approved on behalf of the Council of Standards Australia on 4 November 2013 and on behalf of the Council of Standards New Zealand on 4 October 2013.

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The following are represented on Committee BD-036:

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Aluminium Development Council  
Australian Chamber of Commerce and Industry  
Department of Employment, Industrial Relations and Training, Tasmania  
Department of Employment, Vocational Training and Industrial Relations, Qld  
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*This Standard was issued in draft form for comment as DR AS/NZS 1577.*

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## Scaffold decking components

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AS 1578 first published 1974.  
AS 1577—1974 and AS 1578—1974 revised, amalgamated and designated as AS 1577—1993.  
AS 1577—1993 revised and redesignated AS/NZS 1577:2013.

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## PREFACE

This Standard was prepared by the Standards Australia Committee BD-036, Scaffolding, to supersede AS 1577—1993, *Scaffold planks*.

The objective of this Standard is to provide manufacturers, installers and designers with the requirements for the design, manufacture and proper implementation of scaffold decking components.

The objective of this revision is to provide manufacturers and suppliers of scaffold decking components requirements for the design, manufacture and performance of the equipment used in the scaffold decking component industry.

This edition incorporates the following major changes to the previous edition:

- (a) The title of the Standard has been changed to *Scaffold decking components*, as the scope extends to components other than conventional scaffold planks. Accordingly, a definition of a ‘decking component’ has been added.
- (b) A new Section on laminated veneer lumber (LVL)—Horizontally laminated timber planks—is now included.
- (c) The definition of a scaffold plank has been amended.
- (d) The definition of random plank from the previous edition has been deleted.
- (e) Prefabricated platform units have been moved to this Standard from AS/NZS 1576.3, *Scaffolding*, Part 3: *Prefabricated and tube-and-coupler scaffolding*, because the end use of the product is the same as for scaffold planks supporting persons working on a scaffold.
- (f) A prefabricated platform is now referred to as a prefabricated platform unit and the definition has been amended.
- (g) New definitions for ‘modular’ and ‘non-modular’ plank, a ‘filler unit’, a ‘lap plate’ and ‘uplift’ have been included.
- (h) The definition of slip has been amended and definitions for slip resistance and coefficient of friction have been included.
- (i) Working load limits (WWLs) have been included linking this information to the duty load categories specified in AS/NZS 1576.1, *Scaffolding*, Part 1: *General requirements*.
- (j) The alternative materials clause acknowledges materials, e.g., recycled polypropylene polymer, which are being used to manufacture scaffold planks.

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.

*This Standard incorporates a Commentary on some Clauses. The Commentary directly follows the relevant clause, is designated by ‘C’ preceding the clause number and is printed in italics in a panel. The Commentary is intended to help readers understand the background to the clause but does not form part of the clause.*

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## STANDARDS AUSTRALIA/STANDARDS NEW ZEALAND

**Australian/New Zealand Standard**  
**Scaffold decking components**

## SECTION 1 SCOPE AND GENERAL

**1.1 SCOPE**

This Standard specifies requirements for the design, manufacture and performance of scaffold decking components and their performance requirements when used to form working platforms for scaffolds. Decking components comprise scaffold planks, filler units, lap plates and prefabricated platforms.

## NOTES:

- 1 Means for demonstrating compliance with this Standard are given in Appendix F.
- 2 Information on timber species suitable for timber scaffold planks is given in Appendix G.

**1.2 APPLICATION**

The performance of scaffold planks shall comply with Section 2, and the manufacture shall comply with Sections 3, 4, 5, and 6 as follows:

- (a) Solid timber scaffold planks .....Section 3.
- (b) Vertically laminated timber scaffold planks .....Section 4.
- (c) Horizontally laminated timber (LVL) scaffold planks .....Section 5.
- (d) Decking components other than timber scaffold planks.....Section 6.

**1.3 NORMATIVE REFERENCES**

The following are the normative documents referenced in this Standard:

NOTE: Documents referenced for informative purposes are listed in the Bibliography.

## AS

1397	Steel sheet and strip—Hot-dip zinc-coated or aluminium/zinc-coated
1444	Wrought alloy steels—Standard and hardenability (H) series and hardened and tempered to designated mechanical properties
1604	Specification for preservative treatment
1604.1	Part 1: Sawn and round timber
1874	Aluminium and aluminium alloys—Ingots and castings
4100	Steel structures

## AS/NZS

1080	Timber—Methods of test
1080.1	Part 1: Moisture content
1328	Glue-laminated structural timber (all parts)
1554	Structural steel welding (all parts)
1576	Scaffolding
1576.1	Part 1: General requirements
1594	Hot-rolled steel flat products