

AS/NZS 1577:2018

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Australian/New Zealand Standard™

Scaffold decking components



AS/NZS 1577:2018

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 22 June 2018 and by the New Zealand Standards Approval Board on 6 June 2018.

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The following are represented on Committee BD-036:

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Australian Chamber of Commerce and Industry
Australian Council of Trade Unions
Australian Industry Group
Australian Steel Institute
Business New Zealand
Engineered Wood Products Association of Australasia
Engineers Australia
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PREFACE

This Standard was prepared by the Standards Australia Committee BD-036, Scaffolding, to supersede AS/NZS 1577:2013, *Scaffold decking components*.

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

The objective of this revision is to update and clarify clauses in the 2013 edition.

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

- (a) The component previously termed ‘filler unit’ is now described as ‘deck infill’.
- (b) The term ‘product information’ replaces the previous ‘information from supplier’.
- (c) There is now a provision for labelling of components.
- (d) The scope has been amended to allow for the working load limit (WLL) of all decking components to be designed by theoretical analysis as an alternative to design by testing.
- (e) A duty action is specified for deck infills.
- (f) The strength test details in Clause 2.2.3.
- (g) The storage during service life requirements for vertically laminated planks and LVL planks are now aligned with those for solid timber planks.
- (h) The design clause for decking components other than timber scaffold planks has been revised.
- (i) The addition of the new requirement of coupon testing as part of design of steel planks by prototype test.
- (j) Appendix A, *Stiffness test*, specifies a minimum number of samples and the hardness of the rubber pad has been changed.
- (k) Appendix B, *Strength test*, now specifies a minimum number of samples and includes specific requirements for filler plates.
- (l) Appendix C, *Sliding test for non-modular planks*, specifies a minimum number of samples.
- (m) Appendix D, *Coefficient of friction test*, has a change in the hardness of the rubber pad and the mass of the test weight has been clarified. The *report requirements* have been changed.
- (o) Appendix H was added to provide guidance on the development of prototypes.

The revised marking requirements are not intended to be retrospectively applied to existing products in service.

The terms ‘normative’ and ‘informative’ have been used in this Standard to define the application of the appendices 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 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 text box. 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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