

Title	Install timber and composite flooring by bonded method		
Level	4	Credits	55

Purpose	<p>This unit standard is intended for those working in the timber and composite flooring industry.</p> <p>People credited with this standard are able to install timber and composite flooring by bonded method to the level of performance required of a commercially competent tradesperson.</p>
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Classification	Construction Trades > Flooring
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Available grade	Achieved
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Guidance Information

1 Assessment

This unit standard is intended to align with the *New Zealand Certificate in Timber and Composite Flooring – Specifications* and the *New Zealand Certificate in Timber and Composite Flooring (Level 4)* [Ref: 4300].

Evidence for this standard must reflect commercial competence.

Commercial competence refers to the ability to demonstrate knowledge and skills in the context of the currently accepted requirements of a business operating in a commercial environment.

Commercial competence must be confirmed by a person with current expertise in the timber and composite flooring trade.

2 Definitions

Bonded method is also known as direct fixed flooring, glue down or direct adhesion method.

Manufacturer's installation guidelines include all the relevant producer information for a specific timber floor installation.

Workplace procedures refers to the documented procedures specific to a workplace which sets out the standard and the required practices of that workplace.

3 Legislation, standards and guidance information relevant to this standard includes the following, and any subsequent amendments and replacements:

New Zealand Certificate in Timber or Composite Flooring – Specifications, BCITO, September 2020, available from www.waihanga.nz.

Legislation accessed at www.legislation.govt.nz

- Building Act 2004
- Construction Contracts Act 2002
- Health and Safety at Work Act 2015
- The New Zealand Building Code.

Standards accessed at www.standards.govt.nz

- NZS 3604:2011 *Timber Framed Buildings*
- ISO 10874:2009 *Resilient, textile and laminate floor coverings – Classification*
- AS/NZS 1080.1:2012 *Timber - Methods of test – Method 1: Moisture content.*

Best practice and good practice guidelines

- *The Absolutely Essential Health and Safety Toolkit for Small Construction Sites*, and other Worksafe NZ publications available from www.worksafe.govt.nz.

Skill specification and performance level guidance

Skill specification

Install timber and composite flooring by bonded method.

Range solid, laminated and processed timber in strip, block, sheet and tiled form.

Knowledge

The observable signs of manufacturing flaws and transportation damage to timber and composite flooring products.

The installation requirements of acoustic underlay for bonded timber and composite flooring operations.

Range concrete, timber, and composite substrate;
horizontal surface, vertical surface, internal corners, external corners.

The set out and installation requirements for bonded timber and composite flooring.

Range horizontal surface, vertical surface, internal corner, external corner;
preparation, moisture testing, cut, fit, form, join, product expansion allowance,
fixing requirement.

The requirements for finishing bonded timber and composite flooring around edges, junctions, and joints.

The requirements for installing bonded timber and composite flooring on stairs.

Skills

Check the timber and composite flooring product prior to installation.

Range check consistency, moisture testing, acclimatisation.

Install timber and composite flooring using the bonded method.

Range preparation, moisture testing, underlayment, cut, fit, form, join, set-out, corners, product expansion allowance, fixing requirement.

Use recommended adhesives and consumables for bonded timber and composite flooring.

Range adhesives are chemicals to – clean, fitting edging trims, stair nosing, join, edge; consumables are items to – secure and finish edges, junctions, join, change in plane, height variation.

Install timber and composite flooring on stairs using the bonded method.

Performance level guidance

Performance must reflect industry best practice guidelines, manufacturer's installation guidelines, and workplace procedures.

Tile set-out includes forming right angles off a set line. Plank set-out includes off-set stagger sequencing.

Replacement information	This unit standard replaced unit standard 17011 and unit standard 17012.
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Planned review date	31 December 2026
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	25 November 2021	N/A

Consent and Moderation Requirements (CMR) reference	0048
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Comments on this unit standard

Please contact Waihanga Ara Rau Construction and Infrastructure Workforce Development Council qualifications@waihanga.nz if you wish to suggest changes to the content of this unit standard.