

Title	Fit board underlayment prior to floor covering installation		
Level	4	Credits	10

Purpose	<p>This unit standard is intended for those working in the flooring surface preparation industry.</p> <p>People credited with this standard are able to fit board underlayment prior to floor covering installation 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 Flooring Surface Preparation – Specifications* and the *New Zealand Certificate in Flooring Surface Preparation (Level 4)* [Ref: 4299].

Evidence for this standard must 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 flooring surface preparation trade.

2 Definitions

Board underlayment is a panel of thin material fastened to the flooring substrate to smooth the surface and provide a good face for the intended floor covering to be fixed.

Manufacturer's installation guidelines include all the relevant producer information for a specific board underlayment.

Substrate is the base material of the floor and includes timber strip, processed timber sheets, composite sheets, concrete and metal.

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 Flooring Surface Preparation – Specifications, BCITO, September 2020, available from www.waihanga.nz.

Legislation accessed at www.legislation.govt.nz

- Building Act 2004
- Hazardous Substances and New Organisms Act 1996
- 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*
- AS/NZS 2455.1:2007 *Textile floor coverings – Installation practice*
- NZS AS 1884:2013 *Floor coverings – Resilient sheet and tiles – Installation practices*
- ISO 10874:2009 *Resilient, textile and laminate floor coverings – Classification*
- AS/NZS 1080.1:2012 *Timber - Methods of test Moisture – Method 1: Moisture content*.

Best practice and good practice guidelines

- FloorNZ. (2019). *Carpet Floor Coverings Planning and Installation*. Available from: www.floornz.org.nz
- FloorNZ. (2019). *Resilient Floor Coverings Planning and Installation*. Available from: www.floornz.org.nz
- *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

Fit board underlayment prior to floorcovering installation.

Knowledge

The requirements for the finished floor surface before application of board underlayment systems, and the impact if these requirements are not met.

Range clean, flat, smooth, sound, dry, pH level.

The types, purpose, and properties of board underlayments used for flooring substrate preparation.

The purpose of, and requirements to protect other surfaces in the vicinity of the flooring surface preparation work.

The properties of the flooring substrate and substrate surface, and how they impact the fitting of board underlayment.

Range substrate – timber strip, processed timber sheet, composite sheet, concrete, metal;
properties – level, fall, thickness, structural support, moisture content, fixings, surface integrity, stability, cleanliness.

The observable signs of irregularities, and how to remedy them prior to fitting of board underlayment.

Range clean surface, remedy slight height variation, light grind, or organise for specialists to carry-out repairs.

The requirements for, and use of tools, materials and equipment used to cut and fit board underlayment.

The requirements for, and methods to fit board underlayment to floor substrates.

Skills

Confirm instructions for substrate preparation work and the area of work are accurate.

Assess the flooring surface for any irregularities, and remedy them prior to fitting a board underlayment.

Range assessment of – level, fall, thickness, structural support, moisture content, fixings, surface integrity, stability, cleanliness;
remedies include – clean surfaces, remedy slight height variations, light grind, or organise for specialists to carry-out repairs.

Reassess flooring substrate surfaces after repairs to ensure substrate surface meets the acceptable finish.

Fit board underlayment to floor substrates to the manufacturer's installation guidelines and job documentation.

Range includes the use of – grinding cup, abrasive paper, filter, disc adhesive, dust suppressants.

Clean down job site, and equipment after board underlayment work is completed.

Performance level guidance

Performance must reflect job documentation, workplace procedures, manufacturer's application guidelines, AS/NZS 2455, NZS AS 1884, and AS/NZS 1080.

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.