

<b>Title</b>	<b>Examine, evaluate and prepare substrate for carpet floor covering installation</b>		
<b>Level</b>	<b>4</b>	<b>Credits</b>	<b>10</b>

<b>Purpose</b>	<p>This unit standard is intended for those working in the flooring installation industry.</p> <p>People credited with this standard are able to examine, evaluate and prepare substrate for carpet floor covering installation to the level of performance required of a commercially competent tradesperson.</p>
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<b>Classification</b>	Construction Trades > Flooring
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<b>Available grade</b>	Achieved
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## Guidance Information

### 1 Assessment

This unit standard is intended to align with the *New Zealand Certificate in Flooring Installation – Specifications* and the *New Zealand Certificate in Flooring Installation (Level 4)* [Ref: 4296].

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 flooring installation trade.

### 2 Definitions

*Moisture treatment systems* refers to products and materials used to control the transfer of moisture from the substrate to the floor covering.

*Substrate* is the base material of the floor.

*Substrate surface* refers to the face of the substrate that will be physically in contact with the floor covering.

*Workplace procedures* refers to the documented procedures specific to a work site which set out the standard and 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 Installation – Specifications*, BCITO, September 2020, available from [www.waihanga.nz](http://www.waihanga.nz).

Legislation accessed at [www.legislation.govt.nz](http://www.legislation.govt.nz)

- Building Act 2004
- Hazardous Substances and New Organisms Act 1996
- The New Zealand Building Code.

Standards accessed at [www.standards.govt.nz](http://www.standards.govt.nz)

- NZS 3604:2011 *Timber Framed Buildings*
- AS/NZS 2455.1:1:2007 *Textile floor coverings – Installation practice*.

Best practice and good practice guidelines

- FloorNZ. (2019). *Carpet Floor Coverings Planning and Installation*. Available from: [www.floornz.org.nz](http://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](http://www.worksafe.govt.nz).

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## Skill specification and performance level guidance

### Skill specification

Examine, evaluate and prepare substrate for carpet floor covering installation.

### Knowledge

The properties of substrates onto which carpet is installed.

Range timber strip, processed timber sheet, composite sheet, concrete, metal.

The physical and technical requirements for substrates onto which carpet is installed.

Range level, fall, thickness, structural support, moisture content, fixings, surface integrity, stability, cleanliness.

The causes of common issues associated with substrates and substrate surfaces.

Range causes include – unclean, contaminants, asbestos, required levels and falls of surface not met, unsound substrate, moisture in substrate, dust on substrate surface;  
issues include – furniture not sitting flat, metal bars not fitting, visible mould, lack of cross flow ventilation in a timber subfloor.

The methods to make required preparations for different substrate surface types.

Range may include – cleaning, remedying minor height variations, light grinding.

The types, purpose, and properties of moisture treatment systems used in conjunction with carpet flooring products.

The observable signs of potentially contaminated, unsuitable or hazardous substrates and substrate surfaces.

Range must include – asbestos.

### Skills

Assess the physical and technical properties of new and existing substrates before carpet installation.

Remove existing floor coverings, coatings, and contaminants from substrate surfaces.

Prepare, and remediate existing substrates and substrate surfaces before carpet flooring operations.

Range includes minor maintenance and fixes or organising a specialist to carry-out repairs.

Reassess surfaces after preparation and remediation to confirm readiness for carpet installation.

### Performance level guidance

Performance must reflect industry best practice, AS/NZS 2455 *Textile floor coverings – Installation practice*, and workplace procedures.

Substrate preparation does not require asbestos removal, replacement of substrate framing, moisture treatment systems, or levelling large surfaces.

Legislative requirements and workplace procedures must be followed if asbestos is found.

<b>Planned review date</b>	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

<b>Consent and Moderation Requirements (CMR) reference</b>	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 Waihangā Ara Rau Construction and Infrastructure Workforce Development Council [qualifications@waihanga.nz](mailto:qualifications@waihanga.nz) if you wish to suggest changes to the content of this unit standard.