

<b>Title</b>	<b>Apply moisture treatment systems to flooring surfaces</b>		
<b>Level</b>	<b>4</b>	<b>Credits</b>	<b>20</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 apply moisture treatment systems to flooring surfaces 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 Surface Preparation – Specifications* and the *New Zealand Certificate in Flooring Surface Preparation (Level 4)* [Ref: 4299].

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 surface preparation trade.

### 2 Definitions

*Manufacturer's application guidelines* include all the relevant producer information for a specific moisture treatment system.

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

*Substrate* is the base material of the floor.

*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](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
- Health and Safety at Work Act 2015
- 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: 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 -Method 1: Moisture content.*

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)
- FloorNZ. (2019). *Resilient 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

Apply moisture treatment systems to flooring surfaces.

### Knowledge

The types, purposes, and properties of moisture treatment systems used prior to floor covering installation and application of flooring products.

Range floor coverings include – carpet, resilient, timber, or composite flooring;  
products include – floor finishes.

The impact of substrate type, surface type, environment, and worksite conditions on test results at the time of a moisture test.

Range includes all variables that could affect moisture test results;  
room temperature, time of close in of a new building, concrete slab thickness,  
age of building.

The purpose of, and requirements to protect other surfaces in the vicinity of the moisture treatment site.

The requirements of New Zealand Standards for moisture testing, and how they relate to flooring surface preparation.

How to perform moisture tests on timber, concrete, and moisture barriers.

How to interpret and evaluate moisture test results from flooring surfaces.

### Skills

Perform and record moisture tests on timber floor substrates, concrete floor substrates, and moisture treatment barriers.

Range record – moisture content for timber and composite substrates, relative humidity for concrete substrates.

Isolate flooring work area to protect newly applied moisture treatment systems on surfaces.

Apply moisture treatment systems to flooring surface to manufacturer's specifications.

Range horizontal surface, vertical face, internal corner, external corner;  
vertical face includes – upstand, plinth, drain.

Clean down job site and equipment after moisture treatment work is completed.

### Performance level guidance

Performance must reflect New Zealand Standards, workplace procedures, and manufacturer's application guidelines.

The methods, tools, accessories, and equipment used for applying moisture treatments systems must be appropriate and fit for purpose.

<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 Waihangara 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.