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|--------------|---|----------------|-----------|
| <b>Title</b> | <b>Trowel apply resin mortar in the flooring industry</b> |                |           |
| <b>Level</b> | <b>4</b>  | <b>Credits</b> | <b>75</b> |

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| <b>Purpose</b> | <p>This unit standard is intended for those working in the resin flooring industry</p> <p>People credited with this standard are able to trowel apply resin mortar in the flooring industry 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 Resin flooring – Specifications* and the *New Zealand Certificate in Resin 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 resin flooring trade.

### 2 Definitions

*Manufacturer's application guidelines* include all the relevant information to apply a resin mortar flooring system.

*Trowel applied resin mortar* products are selected aggregates with a resin binder generally placed to 6mm thickness or greater.

*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 Resin Flooring – 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*.

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](http://www.worksafe.govt.nz).

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## Skill specification and performance level guidance

### Skill specification

Trowel apply resin mortar in the flooring industry.

### Knowledge

The requirements and methods for mixing trowel applied resin mortar ready for application.

The technical requirements for placing and finishing resin mortar floors and vertical faces.

Range levels and falls in accordance with job documentation, positioning of anchoring grooves in the substrate, tool and equipment selection to undertake trowel application technique.

### Skills

Mix trowel applied resin mortar ready for application to flooring surfaces.

Use trowel applied techniques for the placement of resin mortar on floors.

Range levels and falls in accordance with job documentation, positioning of anchoring grooves in the substrate, tool and equipment selection to undertake trowel application technique.

Use trowel applied techniques for the placement of resin mortar to vertical faces.

Range upstand, plinth, drain.

Apply finishes to trowel applied resin mortar surfaces to meet job requirements.

### Performance level guidance

Performance must reflect workplace procedures, legislative requirements, and manufacturer's application guidelines.

Performance must reflect application of trowel applied resin to specified gradients, formation of coving, internal and external corners, junctions, and joins with other materials or surfaces.

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| <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                      |

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| <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.