

Title	Form specified finishes on concrete		
Level	3	Credits	10

Purpose	<p>This unit standard is intended for those working in the concrete construction industry.</p> <p>People credited with this standard are able to form specified finishes on concrete to commercial standards.</p>
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Classification	Concrete > Concrete Construction
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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 Concrete Construction Skills - Specifications* and the *New Zealand Certificate in Concrete Construction Skills (Level 3)* [Ref: 4189].

Evidence for this standard must reflect commercial standards.

Commercial standards refer to verbal and written information covering company policy, standard operating procedures and processes, and job-specific instructions.

Working to commercial standards refers to the ability to consistently:

- perform standard processes to current industry standards, on demand and within a commercially acceptable timeframe;
- perform non-standard processes to current industry standards, on demand and within a commercially acceptable timeframe, under the supervision of a commercially competent practitioner.

Working to commercial standards must be confirmed by a person with current expertise in concrete construction.

2 Definitions

Finishing refers to a combination of levelling (screeding), floating, troweling and other treatments

Specified finishes refers to finishes described in NZS 3114:1987 or those specified by the designer or engineer and may include decorative, imprinted or coloured.

Workplace procedures refers to the documented procedures specific to a workplace that set out the standards 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 Concrete Construction Skills – Specifications, BCITO, May 2021, accessed at www.bcito.org.nz.

Legislation accessed at www.legislation.govt.nz

- Building Act 2004
- Health and Safety at Work Act 2015
- Resource Management Act 1991
- Health and Safety at Work (General Risk and Workplace Management) Regulations 2016
- The New Zealand Building Code.

Standards accessed at www.standards.govt.nz

- NZS 3109:1997 *Concrete construction*
- NZS 3114:1987 *Specification for concrete surface finishes*.

Guidelines and Approved Codes of Practice accessed at www.worksafe.govt.nz for the following topics:

- *Management of substances hazardous to health*
- *Management of noise*
- *The Essential Health and Safety Toolkit for Small Construction Sites*.

Skill specification and performance level guidance

Skill specification

Form specified finishes on concrete.

Knowledge

The types of specified concrete finishes and techniques used to achieve them.

The types and purpose of aggregates used to form a range of specified finishes on concrete.

The types and purpose of liquid applications used to form specified finishes on concrete.

The concrete finishes classification systems.

Methods used for washing and sealing concrete to form specified finishes on concrete.

Skills

Form specified finishes on concrete surfaces.

Range includes – using aggregates, and liquid applications.

Wash and seal concrete surfaces.

Performance level guidance

Performance must reflect current regulatory, industry and commercial standards relevant to specified finishes on the surface of concrete.

Finishes achieved must be according to design specifications or NZS 3114:1987 *Specification for concrete surface finishes*.

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	28 October 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 the Building and Construction Industry Training Organisation national.office@bcito.org.nz if you wish to suggest changes to the content of this unit standard.