

41139 Apply specified finishes of standard complexity to concrete surfaces

Kaupae Level	3
Whiwhinga Credit	15
Whāinga Purpose	<p>This skill standard is intended for people working in or entering the construction trades.</p> <p>People credited with this skill standard have the skills to apply specified finishes of standard complexity on concrete surfaces.</p> <p>This skill standard aligns with the New Zealand Certificate in Concrete Construction Skills (Level 3) [Ref: 4189] and may also contribute to other construction and infrastructure qualifications.</p>

Hua o te ako me Paearu aromatawai | Learning outcomes and assessment criteria

Hua o te ako Learning outcomes	Paearu aromatawai Assessment criteria
1. Form specified finishes on concrete surfaces.	a. Aggregates and chemical compounds are prepared and used as required by plans and specifications.
	b. Tools and equipment are prepared and used correctly for the intended application.
	c. Finishing techniques are applied to achieve specified finishes required by the plans and specifications.
2. Wash and seal concrete surfaces.	a. Surfaces are washed to expose or texture concrete as required by specified finishes.
	b. Sealing methods are applied to protect and complete specified finishes.
	c. Protective actions are implemented to prevent stormwater and surrounding areas from being contaminated by concreting waste.

Pārongo aromatawai me te taumata paearu | Assessment information and grade criteria

Assessment specifications:

To achieve this standard the candidate must be capable of applying specified finishes of standard complexity on concrete surfaces to industry standards under limited supervision.

Industry standards must reflect industry best practice, workplace procedures, and be within acceptable tolerances as defined in New Zealand codes, standards and regulations.

Plans and specifications can include working drawings, plan specifications, manufacturer specifications, installation instructions and demolition and project plans.

Evidence for this standard must be demonstrated:

- to current and relevant Legislation, Standards, and Codes (including safety)
- in an environmentally sustainable manner, and
- with acceptable behaviours.

Definitions:

Acceptable behaviours refer to professional behaviours expected in a construction environment. This includes working safely with others, communicating effectively, following workplace procedures, respecting people, tools, equipment, and materials, and responding appropriately to hazards and changing work conditions.

Standard complexity refers to common workplace finishes using familiar tools and techniques. It may include finishes such as steel trowel, float, broom, screed, power float, or textured finishes applied to straightforward concrete elements.

Under limited supervision refers to candidates carrying out the requirements of this skill standard with basic guidance and indirect supervision from a suitably skilled tradesperson. They are expected to source some information independently from plans, specifications, or relevant New Zealand Standards and apply these to routine or familiar projects.

Ngā momo whiwhinga | Grades available

Achieved.

Ihirangi waitohu | Indicative content

- Plans and specifications.
- Aggregates for exposed and decorative finishes.
- Chemical compounds for surface treatments (retarders, hardeners, stains, dyes, sealers).
- Tools and equipment for finishing, washing, and sealing.
- Protective measures and personal protective equipment.
- Finishing techniques (mag trowel, steel trowel, float, broom, screed, power float, textured finishes).
- Washing methods (e.g. water blasting, brushing, scrubbing).
- Sealing methods.

Rauemi | Resources

Programme Guidance information available from info@cstisb.nz.

Pārongo Whakaū Kounga | Quality assurance information

Ngā rōpū whakatau-paerewa Standard Setting Body	Construction and Specialist Trades Industry Skills Board
Whakaritenga Rārangi Paetae Aromatawai DASS classification	Planning and Construction > Concrete > Concrete Construction
Ko te tohutoro ki ngā Whakaritenga i te Whakamanatanga me te Whakaōritenga CMR	0120

Hātepe Process	Putanga Version	Rā whakaputa Review Date	Rā whakamutunga mō te aromatawai Last date for assessment
Rēhitatanga Registration	1	26 February 2026	N/A
Kōrero whakakapinga Replacement information	This skill standard replaced unit standard 32676.		
Rā arotake Planned review date	31 December 2030		

Please contact Construction and Specialist Trades Industry Skills Board at info@cstisb.nz to suggest changes to the content of this skill standard.