

Paving 8 Lay paving on a concrete slab for streetscape applications

Kaupae Level	4
Whiwhinga Credit	
Whāinga Purpose	<p>This skill standard is for people intending to complete the New Zealand Certificate in Streetscape Paving (Level 4).</p> <p>People with this skill standard have the skills to lay paving on concrete slabs as per industry standards.</p> <p>This skill standard may contribute to New Zealand qualifications designed for construction and infrastructure trades.</p>
Whakaakoranga me mātua oti Pre-requisites	

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

Hua o te ako Learning outcomes	Paearu aromatawai Assessment criteria
1. Lay paving on a concrete slab	a. The concrete slab is checked for soundness, levelness, and cleanliness.
	b. Drainage features, slope, and accessibility requirements are confirmed.
	c. The concrete slab is cleaned and saturated with high-pressure water to ensure good bonding.
	d. Bedding mortar with bonding additive is prepared with appropriate consistency.
	e. Cement slurry with bonding additive is applied to the back of pavers during laying.
	f. Pavers are laid to the required pattern and alignment with consistent joints.
	g. Pavers are cut to achieve accurate fit and finish, in accordance with plans and specifications.

Hua o te ako Learning outcomes	Paearu aromatawai Assessment criteria
	h. Joints are filled with appropriate jointing compound according to manufacturer's instructions.
	i. Pavers are tapped into place and checked for level, alignment, and joint width tolerances.
	j. Compaction or setting of pavers is completed as needed to meet industry standards.
	k. A sealer is applied if specified in the plans or specifications.
	l. Completed paving is evaluated for alignment, joint fill, surface evenness, and conformance with plans and specifications.

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

Assessment specifications:

Streetscape paving refers to the design, selection, and installation of different paving materials in public spaces such as sidewalks, plazas, pedestrian zones, parks, and road edges. The focus is on durability, safety, aesthetics, and functionality to make these areas accessible and attractive.

A *rigid base* is a solid, stable surface that does not easily deform under load, typically made of concrete, providing firm support for paving materials.

To achieve this standard, the candidate must lay paving on a rigid base for streetscape work in line with industry standards.

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

Evidence for this standard must be:

- to current and relevant legislation, standards, and codes (including safety),
- in an environmentally sustainable manner,
- within an acceptable timeframe,
- in different and unfamiliar contexts,
- with acceptable behaviours.

Ngā momo whiwhinga | Grades available

Achieved. If there is a control joint in the concrete slab, you have to align it with the mortar joint in the paving. Otherwise there might be cracks in the paving.

Ihirangi waitohu | Indicative content

- Bedding systems (mortar, adhesive, pedestal)
- Installation of large format pavers (natural stone, porcelain)

- Bond patterns, cutting tools and techniques (wet saws, grinders, splitters)
- Cutting techniques and tools (wet saw, splitter, grinder)
- Safe use of cutting equipment (PPE, dust control)
- Tactile paving installation on rigid bases
- Slab surface preparation and levelling
- Edge restraints or haunching for over-slab paving
- Jointing compounds (grout, polymeric sand, epoxy-based compound)
- Council and accessibility requirements for public spaces

Rauemi | Resources

Programme guidance available from qualifications@waihangaararau.nz.

Pārongo Whakaū Kounga | Quality assurance information

Ngā rōpū whakatau-paerewa Standard Setting Body	Waihanga Ara Rau Construction and Infrastructure Workforce Development Council
Whakaritenga Rārangi Paetae Aromatawai DASS classification	
Ko te tohutoro ki ngā Whakaritenga i te Whakamanatanga me te Whakaōritenga CMR	0101

Hātepe Process	Putanga Version	Rā whakaputa Review Date	Rā whakamutunga mō te aromatawai Last date for assessment
Rēhitatanga Registration	1	[dd mm 2025]	N/A
Kōrero whakakapinga Replacement information	N/A		
Rā arotake Planned review date	31 December 2030		

Please contact Waihanga Ara Rau Construction and Infrastructure Workforce Development Council at qualifications@waihangaararau.nz to suggest changes to the content of this skill standard.