

40911**Lay paving on a concrete slab for streetscape applications**

Kaupae Level	4
Whiwhinga Credit	15
Whāinga Purpose	<p>This skill standard is intended for people working in or entering the streetscape paving trade.</p> <p>People with this skill standard have the skills to lay paving on a concrete slab for streetscape applications.</p> <p>This skill standard aligns with the New Zealand Certificate in Streetscape Paving (Level 4) [Ref: 5456] 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. Prepare the concrete slab and bedding for streetscape paving.	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.
2. Lay pavers on the concrete slab.	a. Cement slurry with bonding additive is applied to the back of pavers during laying.
	b. Pavers are laid to the required pattern with consistent joints, aligned with any slab control joints where applicable.
	c. Pavers are cut to achieve accurate fit and finish, in accordance with plans and specifications.
	d. Joints are filled with appropriate jointing compound according to manufacturer's instructions.
	e. Pavers are tapped into place and checked for level, alignment, and joint width tolerances.

Hua o te ako Learning outcomes	Paearu aromatawai Assessment criteria
3. Finish paving on the concrete slab.	a. Compaction or setting of pavers is completed as needed to meet industry standards.
	b. A sealer is applied if specified in the plans or specifications.
	c. 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:

To achieve this standard, the candidate must lay paving on a concrete slab for streetscape applications 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.

Plans and specifications may include working drawings, site plans, manufacturer specifications, installation instructions, demolition plans, and project work plans.

Evidence for this standard must be demonstrated:

- 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.

Definitions

Streetscape paving refers to the use 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.

Ngā momo whiwhinga | Grades available

Achieved.

Ihirangi waitohu | Indicative content

- Industry standards.
- Plans and specifications.
- 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 a concrete slab.
- 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	Engineering and Technology > Infrastructure Works > Generic Infrastructure Works
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	30 October 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.