

Paving 6 Lay permeable segmental paving 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 permeable segmental pavers in accordance with plans and specifications.</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 permeable segmental paving.	a. Bedding chip is checked for evenness and readiness to receive pavers.
	b. Pavers are laid in accordance with plans and specifications without obstructing flow paths.
	c. Pavers are cut to achieve accurate fit and finish, in accordance with plans and specifications.
	d. Joint width is regularly checked during laying to ensure consistency and meet plans and specifications.
	e. Edge restraints are installed to prevent paver movement.
	f. Compaction and sweeping of permeable aggregate into joints are completed as needed to meet industry standards.
	g. Completed paving is evaluated for infiltration function, evenness, alignment, joint fill 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.

To achieve this standard, the candidate must lay permeable segmental paving 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.

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:

- 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.

Ihirangi waitohu | Indicative content

- Pattern laying (stretcher bond, herringbone, basket weave).
- Cutting techniques and tools (wet saw, splitter, grinder)
- Safe use of cutting equipment (PPE, dust control)
- Accuracy and finish when cutting to fit edges
- Use of no-fines aggregates for jointing.
- Open joint spacing and infiltration principles.
- Compaction without clogging voids.
- Joint stabilisation compounds.
- Edge restraint installation for permeable systems.
- Drainage base design.
- SMAF1, SMAF2, Auckland Unitary Plan, NZBC E1.
- Tactile paving and accessibility.

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
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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.