

Paving 1 Select materials for streetscape paving

Kaupae Level	4
Whiwhinga Credit	10
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 select materials appropriate for streetscape paving 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. Select materials for streetscape paving.	a. Pavers and support materials are selected to suit the site and use.
	b. Paver types are matched to suitable environments, considering substrate surfaces, traffic, aesthetics, and climate.
	c. Common paving patterns are identified and their applications described.
	d. The role of paving components in ensuring stability, performance, and durability is explained.

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 select materials for streetscape paving 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.

Ihirangi waitohu | Indicative content

- Types of pavers used in Aotearoa New Zealand: concrete, clay, permeable, granite/natural stone, decorative, slip-resistant
- Suitable environments for different paver types such as pathways, patios, single residential driveways, multi-use spaces.
- Material properties: thickness, shape, colour, surface texture, and how they relate to durability, traffic loads, aesthetics, and maintenance.
- Paving system components and their functions including subgrade, basecourse bedding sand, jointing sand, edge restraints, haunching, geotextile layers, drainage layers, and fall.
- Types of basecourse material: General All Passing (GAP) aggregates, including GAP20, GAP40, clean chip (20–40 mm, no fines), and recycled crushed concrete.
- Common paving patterns: stretcher bond, herringbone, basket weave, and their appropriate uses.
- Suitable surfaces for paving: compacted subgrade, existing concrete slabs, and basecourse layers.
- Reflectance and RFI (Reflective Index).
- Carbon footprint of paving materials.

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.