

40904 Select materials for streetscape paving

Kaupae Level	4
Whiwhinga Credit	10
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 select materials for streetscape paving.</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. Identify paving pattern applications and the role of paving system components.	a. Common paving patterns are identified and their applications described.
	b. The role of paving components in ensuring stability, performance and durability is described.
2. Select materials for streetscape paving as per plans and specifications.	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.

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

Assessment specifications:

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.

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.

Definition

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.
- Types of pavers used in Aotearoa New Zealand: concrete, clay, permeable, natural stone (granite), tiles, decorative and slip-resistant options.
- 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 Kouna | 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.