

40256 Record site measurements and features for flooring installation operations

Kaupae Level	3
Whiwhinga Credit	15
Whāinga Purpose	<p>This skill standard recognises the skills required to record and communicate measurements and site assessment information for the planning and preparation of flooring installation operations.</p> <p>This skill standard aligns with the New Zealand Certificate in Flooring Planning and Design (Level 4) [Ref: 4297].</p>

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

Hua o te ako Learning outcomes	Paearu aromatawai Assessment criteria
1. Carry out on-site measurements and calculations of proposed installation area to create working plans.	a. Areas where flooring product will be installed are measured and documented.
	b. The layout of the product, including the location of joins, is planned and documented.
	c. Working plans are created, including measurements and product details for an estimator to quantify materials.
	d. Calculations are carried out to inform amount of product needed according to the product type.
2. Assess and record features of a site for proposed flooring installation operations.	a. Site features related to access, hazards, and safety considerations are identified to inform planning of flooring installation operations and to meet workplace procedures.
	b. Environmental conditions are assessed to identify and confirm the suitability of the site for the proposed floorcoverings.
	c. Substrate preparation requirements are identified.
3. Communicate the results of the site assessment to inform flooring installation operations.	a. The scope of work, site features, substrate and environmental conditions are documented and are communicated with relevant parties according to workplace procedures.

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

Assessment specifications:

Candidates must be capable of consistently measuring and assessing non-complex sites and producing accurate documentation sufficient for a quote to be prepared to commercial standards.

Environmental conditions include light sources and UV exposure.

Non-complex refers to small to medium sized sites with symmetrically regular shaped flooring areas.

Candidates must be capable of recording site measurements and features for floor covering installation on concrete and timber substrates.

Commercial standards refer to:

- performing the skill in a safe manner
- performing the skill to required industry standards
- performing the skill within an acceptable timeframe
- repeating the skill on demand.

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

Workplace procedures refer to verbal and written information covering company policy, standard operating procedures, and job specific instructions.

Assessment must reflect workplace conditions and meet workplace health and safety requirements.

Ngā momo whiwhinga | Grades available

Achieved.

Ihirangi waitohu | Indicative content**Measurements and working plans**

- Making measurements and creating working plans.
- Planning for flooring product layout, including location of joins.
- Installation surface area.
- Lineal product lengths.

Assessing substrates and surroundings

- Evaluating existing floorcoverings and removal requirements.
- Evaluating substrate properties and preparation requirements.
- Evaluating substrate suitability for different flooring products.
- Assessing edges of areas and finishing required.
- Assessing suitability sites, selected product, and environmental conditions such as light sources, UV exposure.
- Procedures if asbestos or silica are identified.

Preparation for installation

- Documenting site assessment for preparation required, installation of products and finishing tasks.
- Evaluating worksite hazards and on-site risks.
- Safe access and delivery of materials on the worksite.
- Relevant legislation, building codes, industry best practice, and manufacturers' specifications.

Professional communication

- Discussing job requirements during measuring and site assessment.
- Explaining requirements for safety, clearing the area, access to site, and disconnection of fixed electrical appliances.
- Presenting and discussing a plan and layout.
- Communicating with clients.

Rauemi | Resources

Flooring Programme Guidance available from qualifications@waihangaararau.nz.

Legislation, available from www.legislation.govt.nz:

- Hazardous Substances and New Organisms Act 1996.

New Zealand Standards, available from www.standards.govt.nz:

- AS/NZS 1080.1:2012 *Timber - Methods of test – Method 1: Moisture content*.

Best Practice Guidelines, available from <https://floornz.org.nz/technical-flooring-guidelines>:

- FloorNZ. (2024). *Resilient Floor Coverings Planning and Installation*
- FloorNZ. (2024). *Carpet Floor Coverings Planning and Installation*.

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	Planning and Construction > Construction Trades > Flooring
Ko te tohutoro ki ngā Whakaritenga i te Whakamanatanga me te Whakaōritenga CMR	0048

Hātepe Process	Putanga Version	Rā whakaputa Date	Rā whakamutunga mō te aromatawai Last date for assessment
Rēhitatanga Registration	1	28 November 2024	N/A
Kōrero whakakapinga Replacement information	N/A		
Rā arotake Planned review date	31 December 2029		

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