

40260 Evaluate substrate surfaces for flooring operations

Kaupae Level	3
Whiwhinga Credit	5
Whāinga Purpose	<p>This skill standard recognises the skills required to evaluate the substrate surface features of clean, sound, flat, smooth, dry, and the presence of hazardous substances.</p> <p>This skill standard aligns with the:</p> <ul style="list-style-type: none"> • New Zealand Certificate in Flooring Installation (Level 4) [Ref: 4296] • New Zealand Certificate in Flooring Planning and Design (Level 4) [Ref: 4297] • New Zealand Certificate in Flooring Surface Preparation (Level 4) [Ref: 4299] • New Zealand Certificate in Timber and Engineered Timber Flooring (Level 4) [Ref: 4300].

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

Hua o te ako Learning outcomes	Paearu aromatawai Assessment criteria
1. Evaluate features of substrate surfaces prior to flooring installation.	a. The condition of the substrate surface is measured in accordance with each feature.
	b. Potential problems are identified if flooring substrate surface does not meet each principle prior to flooring installation.
2. Recognise potential hazardous substances found on flooring substrate surfaces.	a. Hazardous substances that have the potential to be found on a flooring substrate surface are identified.
	b. Workplace procedures to follow are described if hazardous substances are identified on a flooring substrate surface.

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

Assessment specifications:

Candidates must be capable of consistently evaluating substrate surfaces to commercial standards for each of the following: clean, sound, flat, smooth, and dry.

A candidate is not responsible for either confirming the potential hazard as an actual hazard or the disposal/removal of hazardous products found on flooring substrate surfaces.

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.

Acceptable procedures are documented in relevant standards and codes, job specifications, manufacturers' specifications, and workplace procedures.

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

Technical content

- The acceptable tolerance for each principle for a substrate surface prior to flooring installation: clean, sound, flat, smooth, and dry.
- Methods to observe each of the principle of a flooring substrate surface.
- Problems that occur if the surface is not free of contaminants such as dust, grit, paint, oils, residue, asbestos, silica dust, mould.
- Problems that occur if a substrate is not sound, flat (plane), or has moisture concerns.
- Problems that occur if there is paint/plaster residue, abrupt height variances.
- Common minor remedies to ensure substrate surfaces prior to flooring installation.
- Identifiable signs of hazardous substances that may be found on flooring surfaces.
- Processes to follow if hazardous substances are suspected.

Literacy and numeracy

- Recording evaluations of flooring substrate surfaces.
- Interpreting industry best practice guidelines for flooring substrate surface preparation.
- Reading and interpreting working drawings for flooring projects.
- Reading and interpreting manufacturers' specifications for acceptable tolerances of flooring substrate surfaces in readiness for flooring installation.

Rauemi | Resources

Flooring Programme Guidance available from qualifications@waihangaararau.nz.

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

- Health and Safety at Work Act 2015
- Hazardous Substances and New Organisms Act 1996
- The Building Code.

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

- NZS AS 1884:2013 *Floor coverings – Resilient sheet and tiles – Installation practices*
- AS/NZS 2455.1:2007 *Textile floor coverings – Installation practice – General*.

Best practice guidelines, available from www.floornz.org.nz:

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

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	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.