

## Floor 3 Carry out sub-floor framing and flooring tasks under supervision

<b>Kaupae   Level</b>	3
<b>Whiwhinga   Credit</b>	
<b>Whāinga   Purpose</b>	This skill standard recognises the skills required to carry out sub-floor framing and flooring construction tasks under supervision.  This skill standard contributes to qualifications designed for carpentry.

### Hua o 1ea ko me Paearu aromatawai | Learning outcomes and assessment criteria

Hua o 1ea ko   Learning outcomes	Paearu aromatawai   Assessment criteria
1. Identify the components and construction requirements of sub-floor framing used in construction.	a. Different parts and materials of the sub-floor framing system and their roles are identified.
	b. Layout of the framing components, including their positioning and alignment, is identified.
2. Carry out sub-floor framing fixing and bracing installation requirements under supervision.	a. Fixing requirements for floor framing components, including bracing elements, are carried out to ensure stability and safety.
	b. Techniques used to permanently connect the floor framing to the main structure, ensuring structural integrity, are carried out.
3. Carry out tasks for installation of flooring under supervision.	a. Properties of different types of flooring, including materials, durability, and suitability for different environments, are identified.
	• Application processes for flooring, based on manufacturer's requirements, are carried out.

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

Assessment specifications:

To achieve this standard the candidate must be capable of completing sub-floor framing and flooring construction tasks under supervision to industry standards.

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

Under supervision refers to direction of work tasks being given by a qualified tradesperson.

This standard may be assessed in the workplace or a simulated work environment.

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,
- with acceptable behaviours.

### Ngā momo whiwhinga | Grades available

Achieved

### Ihirangi waitohu | Indicative content

Materials:

- Types of materials: Light gauge steel, timber, composite.
- Treatments: Preservative treatments for timber, coatings for steel, moisture resistance for composite materials.

Parts of floor framing:

- Bearers, ribbon boards, joists, and their roles in floor support.
- Special connectors used for structural integrity.

Fixings:

- Types: Hangers, nail plates, nail-on plates, flitch plates, screws, bolts, nails.
- Basic uses and how they secure floor framing components.

Flooring types and properties:

- Strip flooring, composite, solid timber, tongue and groove, sheet flooring, plywood, reconstructed wood, fibre cement, strand board.
- Properties: Materials, sizes, profiles, durability, and treatments.

Flooring applications:

- Indoor areas, outdoor spaces, wet areas.
- Matching flooring types to specific environmental or functional requirements.

Regulations and standards:

- Building Act, NZBC (New Zealand Building Code), SNZ (Standards New Zealand), and local planning rules.
- Awareness of consented and non-consented works.

### Rauemi | Resources

Programme Guidance information available from [qualifications@waihangaararau.nz](mailto:qualifications@waihangaararau.nz).

### Pārongo Whakaū Kounga | Quality assurance information

<b>Ngā rōpū whakatau-paerewa</b>   Standard Setting Body	Waihanga Ara Rau Construction and Infrastructure Workforce Development Council
<b>Whakaritenga Rārangi Paetae Aromatawai</b>   DASS classification	Planning and Construction > Construction Trades > Carpentry

<b>Ko te tohutoro ki ngā Whakaritenga i te Whakamanatanga me te Whakaōritenga   CMR</b>	0048
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<b>Hātepe   Process</b>	<b>Putanga   Version</b>	<b>Rā whakaputa   Review Date</b>	<b>Rā whakamutunga mō te aromatawai   Last date for assessment</b>
<b>Rēhitatanga   Registration</b>	1	[dd mm yyyy]	N/A
<b>Kōrero whakakapinga   Replacement information</b>	This skill standard replaces unit standards:		
<b>Rā arotake   Planned review date</b>	31 December 2029		

Please contact Waihanga Ara Rau Construction and Infrastructure Workforce Development Council at [qualifications@waihangaarau.nz](mailto:qualifications@waihangaarau.nz) to suggest changes to the content of this skill standard.