

40254 Install non-complex timber or engineered timber flooring by bonded method

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| Kaupae Level | 3 |
| Whiwhinga Credit | 20 |
| Whāinga Purpose | <p>This skill standard recognises the skills required to install non-complex solid timber or engineered timber flooring by bonded method.</p> <p>This skill standard aligns with the New Zealand Certificate in Timber and Engineered Timber Flooring (Level 4) [Ref: 4300].</p> |

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

| Hua o te ako Learning outcomes | Paearu aromatawai Assessment criteria |
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| 1. Plan and organise own work for bonded timber installation. | a. Own tasks and priorities are planned, organised, and coordinated with other parties on the worksite and to meet the job requirements. |
| 2. Install timber or engineered timber flooring product by bonded method. | a. The flooring substrate is examined and confirmed as suitable for bonded timber or composite timber installation. |
| | b. A moisture barrier is applied to the substrate to meet industry standards. |
| | c. A timber or engineered timber floor is installed to the substrate by bonded method to meet industry standards. |
| | d. Edges of the timber or engineered timber floor are finished to create a smooth installation finish. |

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

Assessment specifications:

Candidates must be capable of consistently installing timber flooring product into non-complex single floor areas to commercial standards.

Non-complex refers to a symmetrical regular shaped area. The floor can either be solid timber or engineered timber.

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

Safe working practices

- Personal protective equipment (PPE) for bonding installation tasks.
- Bonded timber installation risk assessment and hazard management.
- Protection against fumes from adhesives.
- Performing bonded timber installation tasks safely.
- Safe use of tools and equipment for bonded timber installation.
- Working with hazardous substances.

Planning work

- Planning and coordinating own tasks and coordinating tasks in conjunction with other trades.
- Establishing work activities and priorities.

Products

- Types and properties of timber and engineered timber flooring.
- Checking the condition of products and observable signs of flaws.
- Manufacturers' specifications for products and product data sheets.

Timber flooring installation techniques

- Assessing substrate moisture and application of moisture barriers.
- Set out of worksite for installation.
- Methods of bonded installation to different substrates.
- Joining engineered timber flooring.
- Sealing edges, expansion gaps and trims, edge finishing.

Measurements and calculations

- Measuring timber flooring products and non-complex room dimensions.
- Calculating area of rooms and amount of product required.
- Sketching and recording dimensions of an installation.

Maintaining site and equipment

- Clearing sites of surplus product, tools, equipment, and debris.
- Cleaning, storing, and maintaining tools.
- Safe disposal of waste products.

Rauemi | Resources

Flooring Programme Guidance available from qualifications@waihangaararau.nz.

Pārongo Whakaū Kouna | Quality assurance information

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| 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.