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| PD L4-2 | Prepare design solutions for flooring trades operations |

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| **Kaupae** | Level | 4 |
| **Whiwhinga** | Credit | 20 |
| **Whāinga** | Purpose | This skill standard recognises the skills required to research and analyse design trends, properties of materials, and client requirements to produce flooring design solutions for flooring planning and design.  This skill standard contributes to the New Zealand Certificate in Flooring Planning and Design (Level 4) [Ref: 4297]. |

**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. Evaluate project information to establish project requirements for a design solution. | 1. Project information is evaluated to determine the flooring requirements, environmental conditions, functionality of the project site, and budget. |
| 1. Research and prepare flooring design solutions to meet the project requirements. | 1. Flooring design solutions are created based on research and analysis of design trends, properties of materials, and project requirements. |
| 1. Accurate advice is provided on appropriate flooring products and design trends relevant to the intended project. |
| 1. Relevant factors that influence the selection and installation of floor coverings are explained. |

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

Assessment specifications:

Candidates must be capable of consistently preparing a selection of complex design solutions that meet the requirements for the purpose of the space to the standard of commercial competence.

Spaces may include living spaces, sanitary areas, level access shower areas, accessible design including wheelchairs, or heavy-duty areas.

*Commercial competence* refers to:

* performing the skill in a safe manner
* performing the skill to the required industry standards
* performing the skill within a commercially viable timeframe
* repeating the skill on demand
* performing the skill without supervision
* applying the skill to other work.

*Design trends* refers to regional styles, themes, integration with décor, and functionality of flooring.

*Environmental conditions* refer to sun exposure, level of humidity, and water splash areas.

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

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

Assessment must conform to workplace conditions and meet workplace health and safety requirements.

**Ngā momo whiwhinga** | Grades available

Achieved

**Ihirangi waitohu** | Indicative content

**Design trends**

* Impact of colour, themes, décor, functionality.
* Factors influencing the choice of floor coverings.
* Comparing flooring and design solutions.

**Flooring products and installation methods**

* Properties of carpet, resilient, timber, laminate.
* Manufacturers specifications and legislation.
* Installation methods, stairs, and transitions.
* Environmental factors including lighting and substrate.
* Substrate requirements for floorcoverings.
* Maintenance of products.

**Design solutions**

* Project information, client site features, and environment.
* Advising clients on flooring products and design trends.
* Product selection, installation process, overall design.
* Preparing product and design solutions.

**Rauemi |** Resources

Flooring programme guidance information available from [qualifications@waihangaararau.nz](mailto:qualifications@waihangaararau.nz)

**Pārongo Whakaū Kounga |** 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 | CMR 0048 can be accessed at: <https://www.nzqa.govt.nz/nqfdocs/maps/pdf/0048.pdf> |

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| **Hātepe** | Process | **Putanga** | Version | **Rā whakaputa** | Date | **Rā whakamutunga mō te aromatawai** | Last date for assessment |
| **Rēhitatanga |** Registration | 1 | [dd mm yyyy] | 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](mailto:qualifications@waihangaararau.nz) if you wish to suggest changes to the content of this skill standard.