

40194 Re-clad existing concrete or clay tile roof cladding systems

Kaupae Level	4
Whiwhinga Credit	10
Whāinga Purpose	<p>This skill standard recognises the skills required to re-clad existing concrete or clay tile roof cladding systems.</p> <p>This skill standard aligns with the New Zealand Certificate in Roofing (Installation) (Level 4) with strands in Concrete or Clay Tile Roof, Liquid Roof Membrane Systems, Metal Tile Roof, Profiled Metal Roof and Wall Cladding, Shingle or Slate Roof, Single Layer Roof Membrane Systems, and Torch On Roof Membrane Systems [Ref: 3512-2].</p>

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

Hua o te ako Learning outcomes	Paearu aromatawai Assessment criteria
1. Prepare for re-cladding concrete or clay tile roof cladding systems.	a. Existing cladding system is evaluated and work to be carried out is identified that meets requirements.
	b. Work areas are prepared for safe installation and to optimise workflow.
	c. Materials are confirmed to have required properties and dimensions to meet job specifications.
2. Re-clad concrete or clay tile roof cladding systems.	a. Detail drawings and instructions are followed to accurately re-clad system components, hardware, and fixings.
	b. All re-clad components are fixed using equipment and methods suitable for the task.
	c. Process and end-product are confirmed to meet industry standard and watertightness requirements.

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

Assessment specifications:

To achieve this standard the candidate must be capable of re-cladding existing concrete or clay tile cladding systems for varying pitch to industry standards.

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

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,
- in different and unfamiliar contexts,
- with acceptable behaviours.

Cladding systems refer to materials (underlays, claddings, and flashings) and methods that prevent the passage of water from entering the building. The method of installation may vary with the pitch.

Ngā momo whiwhinga | Grades available

Achieved.

Ihirangi waitohu | Indicative content

- Hazards associated with removing or modifying existing cladding system.
- Safety and control methods required when working with hazardous materials.
- Assessment of substrates and underlay suitability for re-cladding.
- Completing site visits and preparing work schedules.
- Removal of existing cladding and component systems.
- Temporary weather proofing to protect the underlying structure.
- Re-fitting of existing flashing systems.
- Cleaning up and removal of waste from work site.
- Compliance requirements for insulation, material change, local body requirements.
- Considerations for localised repair, total replacement or overlay of cladding and flashing systems.
- Penetrations in cladding systems.
- Client expectations and compliance requirements for re-clad installations.

Rauemi | Resources

Roofing programme guidance information available from qualifications@waihangaarau.nz.

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 > Plumbing, Gasfitting and Drainlaying > Roofing
Ko te tohutoro ki ngā Whakaritenga i te Whakamanatanga me te Whakaōritenga CMR	0003

Hātepe Process	Putanga Version	Rā whakaputa Review Date	Rā whakamutunga mō te aromatawai Last date for assessment
Rēhitatanga Registration	1	28 November 2024	N/A
Kōrero whakakapinga Replacement information	This skill standard replaced unit standard 1698.		
Rā arotake Planned review date	31 December 2029		

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