

Title	Fix part concrete or clay roof tiles		
Level	4	Credits	10

Purpose	<p>This unit standard is for people carrying out concrete or clay roof work and covers the fixing of part roof tiles.</p> <p>People credited with this unit standard are able to:</p> <ul style="list-style-type: none"> – measure, mark, and cut part tiles for roof terminations; – fix vermin proofing and part tiles to roof surface terminations; and – remove all tile debris from roof.
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Classification	Plumbing, Gasfitting and Drainlaying > Roofing
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Available grade	Achieved
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Guidance Information

- 1 This unit standard has been developed for learning and assessment on-job and off-job.
- 2 References

Construction Contracts Act 2002;
 Historic Places Act 1993;
 Local Government Act 2002;
 Building Act 2004 and associated regulations;
 Health and Safety at Work Act 2015;
 Resource Management Act 1991;
 Acceptable Solutions and Verification Methods for New Zealand Building Code Clause E2 External Moisture;
 Licensed Building Practitioner Scheme – Understanding the Regulatory Environment Booklet – available at: <http://www.business.govt.nz/lbp/the-board/getting-licensed/applying-for-licensing>;
 NZS 3604:2011 Timber-framed buildings;
 NZS 3902:2004 Housing, alterations and small buildings contract;
 NZS 4121:2001, Design for access and mobility: Buildings and associated facilities;
 NZS 4206:1992, Concrete interlocking roofing tiles;
 New Zealand Building Code Hand Book – available at: <http://www.building.govt.nz/building-code-compliance/building-code-and-handbooks/building-code-handbook>;
 and all subsequent amendments and replacements.
- 3 This unit standard applies to both new roof and re-roofing installations.

4 Range

- a Candidates must refer to current legislation and Standards during assessment.
- b Demonstration of safe working practices are essential components of assessment of this unit standard.
- c All activities and evidence presented for all outcomes and performance criteria in this unit standard must be in accordance with:
 - i legislation;
 - ii policies and procedures;
 - iii ethical codes;
 - iv Standards – may include but are not limited to those cited in the New Zealand Building Code Hand Book;
 - v applicable site, enterprise, and industry practice; and,
 - vi manufacturers' instructions, specifications, and data sheets.

Outcomes and performance criteria

Outcome 1

Measure, mark, and cut part tiles for roof terminations.

Performance criteria

- 1.1 Select and use hand and portable power tools to achieve specified results without damage to the material, injury to the operator, or danger to others.
- 1.2 Maintain tools in an effective and efficient condition.
- 1.3 Take measurements and establish lines for marking part tiles for cutting at roof surface terminations to ensure that the roof finish line is in accordance with job specifications.
- 1.4 Ensure that the condition of flashings or valley trays is preserved during *in situ* cutting.

Outcome 2

Fix vermin proofing and part tiles to roof surface terminations.

Performance criteria

- 2.1 Install vermin proofing to the requirements of NZS 4206:1992 before fixing roof terminations.
- 2.2 Ensure part tile fixing patterns are in accordance with the requirements of NZS 4206:1992.
- 2.3 Install fixings in accordance with NZS 4206:1992.

Outcome 3

Remove all tile debris from roof.

Performance criteria

- 3.1 Remove tiling debris from gutters, valleys, and roof surfaces.
- 3.2 Correct any defects.
- 3.3 Remove surplus material and leave roof and site in a tidy and safe condition that allows any further work to be carried out safely.

Planned review date	31 December 2023
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	24 April 1997	31 December 2020
Review	2	28 April 1997	31 December 2020
Review	3	27 October 2006	31 December 2020
Rollover and Revision	4	22 August 2008	31 December 2020
Review	5	16 March 2017	N/A
Rollover	6	25 August 2022	N/A

Consent and Moderation Requirements (CMR) reference	0003
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Comments on this unit standard

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