

Title	Fix underlay for concrete or clay roof tiles		
Level	4	Credits	5

Purpose	<p>This unit standard is for people carrying out concrete roof tile installation and covers the fixing of underlay.</p> <p>People credited with this unit standard are able to:</p> <ul style="list-style-type: none"> - demonstrate knowledge of the composition and use of underlays commonly used on a concrete or clay tile roof; and - lay underlay for a concrete or clay tiled 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;
 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

Demonstrate knowledge of the composition and use of underlays commonly used on a concrete or clay tile roof.

Performance criteria

- 1.1 Identify the commonly used types of underlay and describe the characteristics of each in terms of the manufacturers' recommendations.
- 1.2 Explain that the implications of non-or incorrect use of underlay with respect to adverse consequences on the performance of the roof.
- 1.3 Identify and explain, to illustrate the reasons for its use, situations where underlay must be used in accordance with the requirements of NZS 4206:1992.

Outcome 2

Lay underlay for a concrete or clay tiled roof.

Performance criteria

- 2.1 Check the underlay manufacturer's durability statement to ensure compliance with job specifications.
- 2.2 Lay and fix underlay.
- 2.3 Repair or replace underlay damaged during roofing activity.
- 2.4 Form underlay finishes.
- 2.5 Remove surplus material and leave roof and site in a tidy and safe condition that allows any further work to be carried out safely.

This unit standard is expiring. Assessment against the standard must take place by the last date for assessment set out below.

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	31 December 2027
Revision	6	20 July 2017	31 December 2027
Rollover	7	25 August 2022	31 December 2027
Review	8	28 November 2024	31 December 2027

Consent and Moderation Requirements (CMR) reference

0003

This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.