

<b>Title</b>	<b>Fix underlay for concrete or clay roof tiles</b>		
<b>Level</b>	<b>4</b>	<b>Credits</b>	<b>5</b>

<b>Purpose</b>	<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"> <li>– demonstrate knowledge of the composition and use of underlays commonly used on a concrete or clay tile roof; and</li> <li>– lay underlay for a concrete or clay tiled roof.</li> </ul>
----------------	---

<b>Classification</b>	Plumbing, Gasfitting and Drainlaying > Roofing
-----------------------	--

<b>Available grade</b>	Achieved
------------------------	----------

---

### 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.

<b>Planned review date</b>	31 December 2023
----------------------------	------------------

**Status information and last date for assessment for superseded versions**

<b>Process</b>	<b>Version</b>	<b>Date</b>	<b>Last Date for Assessment</b>
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
Revision	6	20 July 2017	N/A
Rollover	7	25 August 2022	N/A

<b>Consent and Moderation Requirements (CMR) reference</b>	0003
--	------

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](mailto:qualifications@waihangaararau.nz) if you wish to suggest changes to the content of this unit standard.