

<b>Title</b>	<b>Install translucent roof</b>		
<b>Level</b>	<b>4</b>	<b>Credits</b>	<b>15</b>

<b>Purpose</b>	<p>This unit standard is intended for use in the training and assessment of people carrying out translucent roof installation and covers the installation of translucent roofing.</p> <p>People credited with this unit standard are able to:</p> <ul style="list-style-type: none"> <li>– confirm materials and availability of equipment for installation of translucent roof;</li> <li>– complete preparations for the installation of translucent roof; and</li> <li>– install translucent roof.</li> </ul>
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<b>Classification</b>	Plumbing, Gasfitting and Drainlaying > Roofing
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<b>Available grade</b>	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;
  - New Zealand Metal Roof and Wall Cladding Code of Practice;
  - 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.

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## Outcomes and performance criteria

### Outcome 1

Confirm materials and availability of equipment for installation of translucent roof.

#### Performance criteria

1.1 Assess the job and prepare a plan of work.

1.2 Confirm that the materials for the job are consistent with the job and manufacturers' specifications.

Range may include but is not limited to – translucent roofing sheets, cladding, flashings, sealants, fasteners.

1.3 Confirm that the required equipment is available.

Range may include but is not limited to – scaffolding, ladders, tools, brushes, compressor, sealant gun, saws, roof walking cleats, pop riveter.

### Outcome 2

Complete preparations for the installation of translucent roof.

#### Performance criteria

2.1 Confirm that the purlins are fitted in accordance with manufacturers' specifications.

2.2 Prepare the site for work to commence.

2.3 Install underlay support, where required, and install internal gutters, valleys, and secret flashings.

**Outcome 3**

Install translucent roof.

**Performance criteria**

3.1 Fix separation strips to purlins.

3.2 Install safety mesh if required.

3.3 Install and fix translucent roof.

Range may include but is not limited to – sheet material, fastenings, installation accessories, cyclone washer, ethylene propylene diene terpolymer (EPDM), purlin tape barrier, mesh (netting), lap tape, roof slope, sheet span, appearance; expansion and contraction provision, stop end and drip form to sheets, install over flashings.

3.4 Correct any defects.

3.5 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
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**Status information and last date for assessment for superseded versions**

Process	Version	Date	Last Date for Assessment
Registration	1	21 May 1997	31 December 2020
Review	2	27 October 2006	31 December 2020
Review	3	23 January 2009	31 December 2020
Review	4	16 March 2017	N/A
Rollover	5	25 August 2022	N/A

<b>Consent and Moderation Requirements (CMR) reference</b>	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](mailto:qualifications@waihangaararau.nz) if you wish to suggest changes to the content of this unit standard.