

<b>Title</b>	<b>Demonstrate knowledge of the installation of metal and translucent roof claddings and roof lights</b>		
<b>Level</b>	<b>3</b>	<b>Credits</b>	<b>2</b>

<b>Purpose</b>	People credited with this unit standard are able to demonstrate knowledge of the installation of metal and translucent roof claddings and roof lights.
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<b>Classification</b>	Construction Trades > Carpentry Theory
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<b>Available grade</b>	Achieved
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## Guidance Information

### 1 Definitions

*E2/AS1* stands for Acceptable Solution E2/AS1 for Clause E2 External Moisture, of the New Zealand Building Code. Copies of the Compliance document are available from Department of Building and Housing (<http://www.dbh.govt.nz/building-code-compliance-documents#free-download>).

*Metal* roof claddings means prefinished, zincalume and galvanised claddings.

*Specific design* is a design that ensures compliance with the Building Act 2004 when the construction requirements of a building deviates from, or is beyond the scope of recognised industry standards (New Zealand Standards, Australia/New Zealand Standards, British Standards and other published standards that govern the construction industry).

### 2 Credit for this unit standard indicates compliance with industry practice. *Industry practice* refers to the ability to demonstrate knowledge that reflects the uniformity, finish quality and material economies currently accepted within industry.

### 3 Legislation relevant to this unit standard includes:

Health and Safety in Employment Act 1992 and Health and Safety in Employment Regulations 1995;

Building Act 2004;

Resource Management Act 1991;

New Zealand Building Code;

NZS 3604:1999 *Timber Framed Buildings*, available from Standards NZ

(<http://www.standards.co.nz>).

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## Outcomes and performance criteria

### Outcome 1

Demonstrate knowledge of the installation of metal and translucent roof claddings and roof lights.

**Performance criteria**

- 1.1 Compatibility of dissimilar materials used for roof claddings is described.
- 1.2 The requirements for receiving, storing and handling of roof cladding materials and roof lights are described in accordance with manufacturer's instructions.
- 1.3 Roof trim framing members are described in terms of the requirements of metal and translucent roof claddings.
- Range timber and metal fascia and barge boards, underlay.
- 1.4 The installation of translucent and metal roof claddings is described in accordance with manufacturer's instructions, NZS 3604:1999, or specific design.
- 1.5 The installation of roof lights is described in accordance with manufacturer's instructions and E2/AS1.
- 1.6 Accessories are described in terms of their function and installation in relation to metal roof claddings and the interface between building elements, in accordance with E2/AS1.
- Range ridging, hip caps, barge covers, valleys gutters, penetration flashings, apron flashings.
- 1.7 Methods of calculating quantities of roofing materials are described, and sample calculations performed in accordance with industry practice.
- 1.8 Procedures for maintaining health and safety requirements when installing roof coverings are described.
- Range work methods, plant, equipment, identification of hazards and controls.

<b>Replacement information</b>	<p>This unit standard and unit standard 13056 replaced unit standard 620.</p> <p>This unit standard and unit standard 13020 were replaced by unit standard 32453.</p>
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**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	21 May 1999	31 December 2023
Review	2	26 February 2002	31 December 2023
Review	3	25 January 2008	31 December 2023
Review	4	30 September 2021	31 December 2023
Rollover	5	28 September 2023	31 December 2024

**Consent and Moderation Requirements (CMR) reference**

0048

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