

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

Purpose	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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Classification	Construction Trades > Carpentry Theory
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Available grade	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>).

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.

Replacement information	<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

Consent and Moderation Requirements (CMR) reference	0048
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.