

Title	Install profiled metal roofing and cladding		
Level	4	Credits	10

Purpose	<p>This unit standard is for people who work in the plumbing industry.</p> <p>People credited with this unit standard are able to:</p> <ul style="list-style-type: none"> – confirm work site is prepared for work to begin; – install profiled metal roofing; and – install profiled metal cladding.
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Classification	Plumbing, Gasfitting and Drainlaying > Plumbing
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Available grade	Achieved
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Guidance Information

- 1 References

Building Act 2004;
 Health and Safety at Work Act 2015;
 Plumbers, Gasfitters, and Drainlayers Act 2006;
 Plumbers, Gasfitters, and Drainlayers Regulations 2010;
 The following clauses, current versions, and any related compliance documents, which are available at <https://www.building.govt.nz>:
 New Zealand Building Code Clause E2 External Moisture,
 New Zealand Building Code Clause G11 Gas as an Energy Source;
 and all subsequent amendments and replacements.
- 2 Range

Profiled metal cladding, profiled metal wall cladding.
- 3 This unit standard requires the application of theory as included in the Plumbers, Gasfitters, and Drainlayers Regulations 2010.
- 4 Definitions

Job requirements – specific requirements of the job at hand not covered by job specifications.

Job specifications – instructions (oral, written, graphic) and may include any of the following: manufacturer instructions; design drawing detail specifications; specifications from a specialist source such as an architect, designer, engineer, or a supervisor; and site or work specific requirements. Where job specifications are in conflict with applicable legislation, standards, and/or codes, such legislation, standards, and/or codes shall take precedence for the purpose of assessment.

- 5 All practical activities are to be carried out in a way that avoids harm to people and damage to property, environment, existing installed services, materials, tools, and equipment.
- 6 Candidates must hold a current limited certificate or exemption under supervision as issued under the Plumbers, Gasfitters, and Drainlayers Act 2006.

Outcomes and performance criteria

Outcome 1

Confirm work site is prepared for work to begin.

Performance criteria

- 1.1 Ensure substrate and structure meet codes, standards, job specifications, industry requirements, manufacturer specifications.
- 1.2 Confirm height safety controls relevant to task are in place.
Range scaffolding, safety nets, harness systems, edge protection.
- 1.3 Confirm materials are available and appropriately managed on site.

Outcome 2

Install profiled metal roofing.

Range profiled metal roofing, pan deck.

Performance criteria

- 2.1 Install underlay/vapour barrier.
- 2.2 Install roofing using correct fixing patterns.
- 2.3 Install metal flashings suitable to roofing profile.
Range ridge, barge, valley, apron, parapet, gutter apron;
may be applied to different profiles, provided at least one example of each is demonstrated.
- 2.4 Complete finishing processes for roofing installation.
Range installing accessories, cleaning swarf and debris from work area, inspecting finished roofing, correcting defects.

Outcome 3

Install profiled metal cladding.

Performance criteria

3.1 Install underlay/vapour barrier.

3.2 Install cladding using correct fixing patterns.

3.3 Install common metal flashings suitable to cladding profile.

Range head, base, internal and external corner, vermin proofing; may be applied to different cladding profiles, provided at least one example of each is demonstrated.

3.4 Complete finishing processes for cladding installation.

Range installing accessories, cleaning swarf and debris from work area, inspecting finished cladding, correcting defects.

Replacement information	This unit standard, unit standard 30545, unit standard 30547, unit standard 30548, and unit standard 30549 replaced unit standard 21884.
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Planned review date	31 December 2022
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	26 October 2017	N/A

Consent and Moderation Requirements (CMR) reference	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 Skills Organisation reviewcomments@skills.org.nz if you wish to suggest changes to the content of this unit standard.