

Title	Describe substrates, materials, fasteners and building terminology associated with Proprietary Plaster Cladding Systems		
Level	3	Credits	5

Purpose	People credited with this unit standard are, for Proprietary Plaster Cladding Systems, able to describe: the range of substrates that are suitable, their physical differences and common surface differences; the range of common materials available and their differences; the range of common fastenings, in terms of their differences; and building terminology that relates to Proprietary Plaster Cladding Systems.
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Classification	Construction Trades > Proprietary Plaster Cladding Systems
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Available grade	Achieved
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Guidance Information

- 1 Definition
Substrate refers to the surface or medium that serves as a base upon which the Proprietary Plaster Cladding System is applied.

- 2 Legislation, regulations, codes and standards relevant to this unit standard include:
 Health and Safety in Employment Act 1992;
 Health and Safety in Employment Regulations 1995;
 Resource Management Act 1991;
 Hazardous Substances and New Organisms Act 1996; Building Act 2004;
 New Zealand Standards, NZS 4218:2004 *Energy efficiency – Small building envelope* and NZS 3604:1999 *Timber Framed Buildings*, available from Standards NZ (<http://www.standards.co.nz>);
 New Zealand Building Code;
 Territorial Authorities' building regulations.

Outcomes and performance criteria

Outcome 1

Describe the range of substrates that are suitable for Proprietary Plaster Cladding Systems, their physical properties, and common surface differences.

Performance criteria

- 1.1 Substrates suitable for Proprietary Plaster Cladding Systems are identified and described, in terms of their surface differences.
- Range polystyrene, fibre cement, brick work, concrete block, concrete surfaces.
- 1.2 Substrates suitable for Proprietary Plaster Cladding Systems are identified and described in terms of their physical properties.
- Range thickness, weight, strength.
- 1.3 Substrates suitable for Proprietary Plaster Cladding Systems are identified and described in terms of their surface properties.
- Range wet, dirty, painted, absorbent, weathered, rough, smooth, flat, undulating.

Outcome 2

Describe the range of common Proprietary Plaster Cladding Systems materials available and their differences.

Performance criteria

- 2.1 Proprietary Plaster Cladding Systems plasters are identified and described in relation to the types of coatings and handling precautions required.
- Range cement-based powder, emulsion-based liquid, combinations of cement-based plaster powder and liquid emulsions.
- 2.2 Proprietary Plaster Cladding Systems finishes are identified and described in terms of different preparation requirements.
- Range re-stirring pre-mixed, mixing of powdered plasters on site.
- 2.3 Proprietary Plaster Cladding Systems plasters are identified and described in terms of setting characteristics.
- Range working time, setting time, clean-up time.

Outcome 3

Describe the range of common Proprietary Plaster Cladding Systems fastenings in terms of their differences.

Performance criteria

3.1 Proprietary Plaster Cladding Systems fastenings are identified and described in terms of their physical differences.

Range nails, screws and washers, foam plugs, proprietary fasteners, adhesives.

3.2 Proprietary Plaster Cladding Systems fastenings are identified and described in terms of their application differences.

Range application tools – hammers, screw guns, drill and screw cartridge guns.

Outcome 4

Describe building terminology that relates to Proprietary Plaster Cladding Systems.

Performance criteria

4.1 Building areas that relate to Proprietary Plaster Cladding Systems are identified and described.

Range gable ends, soffit, dormer, deck, parapet, elevation, architectural feature.

4.2 Framing areas that relate to Proprietary Plaster Cladding Systems are identified and described.

Range stud, joist, nog/dwang, brace, bottom plate, top plate, lintel.

4.3 Cladding feature descriptors that relate to Proprietary Plaster Cladding Systems are identified and described.

Range eyebrow, sill, jamb, head flashing, reveal, expansion joint, movement joint, baseline.

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	23 June 2000	31 December 2024
Review	2	24 January 2006	31 December 2024
Review	3	26 January 2007	31 December 2024
Review	4	30 June 2022	31 December 2024

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>.

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