

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.

Subfield Construction Trades

Domain Proprietary Plaster Cladding Systems

Status Registered

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Entry information Open.

Accreditation Evaluation of documentation and visit by NZQA and industry.

Standard setting body (SSB) Building and Construction Industry Training Organisation

Accreditation and Moderation Action Plan (AMAP) reference 0048

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

Special notes

- 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.

Elements and performance criteria

Element 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.

Element 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.

Element 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.

Element 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.

Please note

Providers must be accredited by the Qualifications Authority, or an inter-institutional body with delegated authority for quality assurance, before they can report credits from assessment against unit standards or deliver courses of study leading to that assessment.

Industry Training Organisations must be accredited by the Qualifications Authority before they can register credits from assessment against unit standards.

Accredited providers and Industry Training Organisations assessing against unit standards must engage with the moderation system that applies to those standards.

Accreditation requirements and an outline of the moderation system that applies to this standard are outlined in the Accreditation and Moderation Action Plan (AMAP). The AMAP also includes useful information about special requirements for organisations wishing to develop education and training programmes, such as minimum qualifications for tutors and assessors, and special resource requirements.

Comments on this unit standard

Please contact the Building and Construction Industry Training Organisation national.office@bcito.org.nz if you wish to suggest changes to the content of this unit standard.