

Title	Describe and construct specialist systems in plaster board on site		
Level	4	Credits	18

Purpose	People credited with this unit standard are able to: describe fire resistance rated, sound control, water resistant and bracing plaster board specialist systems; construct fire resistance rated elements, sound control elements, and combined fire resistance rated and sound control elements, on site using plaster board specialist systems; and fix water resistant and bracing plaster board specialist systems on site.
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Classification	Construction Trades > Plaster Board
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Available grade	Achieved
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Prerequisites	Unit 17581, <i>Demonstrate knowledge of and fix curved plaster board on site</i> ; and Unit 6067, <i>Demonstrate knowledge of and fix plaster board to architectural details on site</i> ; or demonstrate equivalent knowledge and skills
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Guidance Information

1 Definitions

Fire resistance rating is the term used to classify fire resistance of primary and secondary elements as determined in the standard test for fire resistance. It comprises three numbers giving the time in minutes for which each of the criteria (stability, integrity and insulation) are satisfied, and is presented always in that order. *On site* refers to a wide range of building and construction environments within which trade skills are applied.

Specifications refers to documented instructions (oral, written, graphic) and may include any of the following: manufacturer's specifications, recommendations or technical data sheets; material specifications; specifications from a specialist source such as an architect, designer, engineer or a supervisor; site or work specific requirements.

Work site practice refers to the documented procedures specific to a work site, which set out the standard and required practices of that work site.

2 All work practices must comply with the following:

Health and Safety in Employment Act 1992 and Health and Safety in Employment Regulations 1995; Resource Management Act 1991; Building Act 2004; AS/NZS 2589:2007 *Gypsum linings - Application and finishing*, available from Standards NZ (<http://www.standards.co.nz>); *Approved Code of Practice for the Safe Erection and Use of Scaffolding* (Wellington: Occupational Safety and Health Service, Department of Labour, 1995) available at <http://www.osh.govt.nz>.

- 3 Credit for this unit standard indicates compliance with industry practice. *Industry practice* refers to the ability to demonstrate knowledge and skills that reflect the productivity, uniformity, finish quality and material economies currently accepted within industry.

Outcomes and performance criteria

Outcome 1

Describe fire resistance rated, sound control, water resistant and bracing plaster board specialist systems.

Performance criteria

- 1.1 The description identifies the principles of one and two way fire resistance rated construction for walls.
- Range timber framed load bearing, and non-load bearing;
steel framed load bearing, and non-load bearing.
- 1.2 The description identifies the principles of fire resistance rated construction for floors and ceilings.
- 1.3 The description identifies the principles of laminated self-supporting fire resistance rated construction for ducts, lift shafts, and high fire risk areas.
- 1.4 The description identifies principles of sound insulation and absorption.
- 1.5 The description identifies principles of construction for walls and ceilings incorporating sound insulation and absorption.
- 1.6 The description identifies principles of combined fire resistance rated and sound control construction.
- 1.7 The description identifies principles of water resistant plaster board fixing.
- 1.8 The description identifies principles of bracing elements.

Outcome 2

Construct fire resistance rated elements on site using plaster board specialist systems.

Range two of – walls, ceilings, shaft walls.

Performance criteria

- 2.1 Fire resistance rated plaster board lined elements are identified from job specifications.

- 2.2 Fire resistance rated plaster board lined elements are constructed as detailed in job specifications, and in accordance with manufacturer's recommendations.
- 2.3 All operations are completed, workplace and tools cleaned, and tools stored in accordance with work site practice.

Outcome 3

Construct sound control elements on site using plaster board specialist systems.

Range walls, ceilings.

Performance criteria

- 3.1 Sound control plaster board lined areas are identified from the working drawings or job specifications.
- 3.2 Sound control plaster board lined elements are constructed as detailed on working drawings, and in accordance with manufacturer's recommendations.
- 3.3 All operations are completed, workplace and tools cleaned, and tools stored in accordance with work site practice.

Outcome 4

Construct combined fire resistance rated and sound control elements on site using plaster board specialist systems.

Range walls, ceilings.

Performance criteria

- 4.1 Combined fire resistance rated and sound control plaster board lined areas are identified from the working drawings or job specifications.
- 4.2 Combined fire resistance rated and sound control plaster board lined elements are constructed as detailed on working drawings, and in accordance with manufacturer's recommendations.
- 4.3 All operations are completed, workplace and tools cleaned, and tools stored in accordance with work site practice.

Outcome 5

Fix water resistant plaster board specialist systems on site.

Performance criteria

- 5.1 Water resistant plaster board lined areas are identified from the working drawings or job specifications.

- 5.2 Water resistant plaster board linings are fixed as detailed on the working drawings or job specifications, and in accordance with the manufacturer's recommendations.
- 5.3 All operations are completed, workplace and tools cleaned, and tools stored in accordance with work site practice.

Outcome 6

Fix bracing plaster board specialist systems on site.

Performance criteria

- 6.1 Bracing elements are identified from the working drawings or job specifications.
- 6.2 Bracing elements are fixed as detailed on the working drawings or job specifications, and in accordance with the manufacturer's recommendations.
- 6.3 All operations are completed, workplace and tools cleaned, and tools stored in accordance with work site practice.

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	18 January 1996	31 December 2024
Revision	2	5 July 1999	31 December 2024
Review	3	29 August 2000	31 December 2024
Revision	4	18 May 2005	31 December 2024
Review	5	20 April 2006	31 December 2024
Review	6	25 January 2008	31 December 2024
Review	7	26 May 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>.