

<b>Title</b>	<b>Demonstrate knowledge of two storey veneer construction</b>		
<b>Level</b>	<b>3</b>	<b>Credits</b>	<b>8</b>

<b>Purpose</b>	People credited with this unit standard are able to demonstrate knowledge of: lintels; shelf-angles; slip joints; and a two storey veneer construction system.
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<b>Classification</b>	Masonry > Brick and Block Laying
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<b>Available grade</b>	Achieved
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### Guidance Information

#### 1 Definitions

*Specifications* refer to any, or all of the following:  
 manufacturer's specifications and/or recommendations;  
 site and/or workplace specific requirements.

*Industry practice* refers to the expected standard required at the location in which credit for this standard is sought; such standards may be set down in: industry codes of practice, enterprise procedures, which refer to documented procedures specific to the enterprise which set out the standard business practice, and activities of that enterprise.

#### 2 New Zealand Standards relevant to this unit standard include the following:

NZS 4210:2001, *Masonry Construction: Materials and Workmanship*;  
 NZS 3604:1999, *Timber Framed Buildings*.

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### Outcomes and performance criteria

#### Outcome 1

Demonstrate knowledge of lintels for two storey veneer construction.

#### Performance criteria

- 1.1 Sizes and bearing requirements for lintels are identified in accordance with the job specifications and NZS 4210 requirements.
- 1.2 The process for setting up lintels is described in accordance with the job specifications and industry practice.
- 1.3 The process for propping lintels is described in accordance with the job specifications and industry practice.

- 1.4 The process for flashing lintels is described in accordance with the job specifications and industry practice.

## **Outcome 2**

Demonstrate knowledge of shelf-angles for two storey veneer construction.

### **Performance criteria**

- 2.1 Sizes for shelf-angles are identified in accordance with the job specifications and NZS 4210 requirements.
- 2.2 The process for fixing shelf-angles to a frame is described in accordance with the job specifications and industry practice.
- 2.3 The process for flashing shelf-angles is described in accordance with the job specifications and industry practice.

## **Outcome 3**

Demonstrate knowledge of slip joints for two storey veneer construction.

### **Performance criteria**

- 3.1 Slip joint material requirements are identified in accordance with the job specifications and the NZS 4210 requirements.
- 3.2 The process for placing slip joints is described in accordance with the job specifications and industry practice.
- 3.3 The process for fixing ties is described in accordance with the job specifications and industry practice.

## **Outcome 4**

Demonstrate knowledge of a two storey veneer construction system.

### **Performance criteria**

- 4.1 The process for setting out a two storey veneer system is described in terms of the steps required.
- 4.2 Construction requirements for setting out a two storey veneer system are identified and described in accordance with the job specifications and industry practice.

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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	14 December 2007	31 December 2011
Revision	2	21 July 2011	31 December 2024
Review	3	30 June 2022	31 December 2024

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

This unit standard is expiring