

<b>Title</b>	<b>Describe the materials, components, and methods used for joinery work</b>		
<b>Level</b>	<b>4</b>	<b>Credits</b>	<b>5</b>

<b>Purpose</b>	<p>People credited with this unit standard are able to:</p> <ul style="list-style-type: none"> <li>– describe the materials and components used for joinery work;</li> <li>– describe the methods used to make and fasten joinery items;</li> <li>– describe the types, seasoning, preventative measures, and preservatives for timbers commonly used in joinery work; and</li> <li>– describe mechanical fixings to fasten materials used in joinery work.</li> </ul>
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<b>Classification</b>	Joinery > Joinery Core Skills
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<b>Available grade</b>	Achieved
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## Guidance Information

- 1 Legislation and standards relevant to this unit standard include:
  - Health and Safety at Work Act 2015; available from [www.legislation.govt.nz](http://www.legislation.govt.nz).
  - NZS 3631:1988. *New Zealand timber grading rules*;
  - NZS 3640:2003. *Chemical preservation of round and sawn timber*, available from <http://www.standards.co.nz/>, and any subsequent amendments and replacements.

- 2 Assessment

Evidence for this unit standard must reflect commercial competence; the ability to demonstrate knowledge and skills in the context of the currently accepted requirements of a business operating in a commercial environment.

Evidence must also reflect commercial standards; the verbal and written information covering company policy, standard operating procedures and processes and job-specific instructions.

This unit standard must be assessed under the supervision of a commercially competent practitioner in workplace conditions that reflect:

- commercial standards, current health, safety, industry, and workplace requirements; and
- industry requirements for commercially acceptable timeframes.

### 3 Definitions

*Joinery work* refers to the work, job, or project relevant to joinery, cabinetry, doors and windows, stairs, bench tops, shop fitting, and specialty surfaces.

*Workplace requirements* refer to the documented procedures specific to a workplace which set out the standard and the required practices of that workplace. This may include job specifications, procedures, practices, manufacturer recommendations, technical data sheets and material safety data sheets.

### 4 Range

Three different joinery projects or work relevant to one of the following:

- joinery;
- cabinetry;
- timber doors and windows;
- stairs; or
- bench tops and specialty surfaces.

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## Outcomes and performance criteria

### Outcome 1

Describe the materials and components used for joinery work.

#### Performance criteria

- 1.1 Materials used for joinery work are identified and their use is described.
- 1.2 Defects found in materials used for joinery work are identified and their remedial actions described.
- 1.3 Components used in joinery are identified and their use described.

### Outcome 2

Describe the methods used to make and fasten joinery items.

#### Performance criteria

- 2.1 The methods used to make joinery items are identified and described.
- 2.2 Methods used to fasten similar and dissimilar materials to joinery are identified and their use described.

### Outcome 3

Describe the types, seasoning, preventative measures, and preservatives for timbers commonly used in joinery work.

**Performance criteria**

3.1 The types of timber, indigenous, exotic, and imported used in the joinery industry are described in terms of grades and use.

Range evidence of three uses for each type and grade of timber.

3.2 Timber seasoning used in the joinery industry is described in terms of moisture, saturation points, stacking of timber, and kiln seasoning of timber.

3.3 Preventative measures are described in terms of how to address insect and fungal attack.

3.4 The purpose of types of timber preservatives used in joinery timbers and fitments is described.

**Outcome 4**

Describe mechanical fixings to fasten materials used in joinery work.

**Performance criteria**

4.1 Mechanical fixings are described in terms of the intended use in accordance with manufacturer specifications.

Range timber, metals, plastics, concrete, natural stone, glass, and composite materials;  
evidence of two different materials is required.

<b>Replacement information</b>	This unit standard replaced unit standard 2555, unit standard 2556, and unit standard 25599.
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<b>Planned review date</b>	31 December 2027
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**Status information and last date for assessment for superseded versions**

Process	Version	Date	Last Date for Assessment
Registration	1	24 October 2014	31 December 2025
Review	2	30 March 2023	N/A

<b>Consent and Moderation Requirements (CMR) reference</b>	0073
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

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**Comments on this unit standard**

Please contact Waihanga Ara Rau Construction and Infrastructure Workforce Development Council at [qualifications@WaihangaAraRau.nz](mailto:qualifications@WaihangaAraRau.nz) if you wish to suggest changes to the content of this unit standard.