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| Title | Fine sand timber and composite floors in the flooring industry | | |
| Level | 4 | Credits | 50 |

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| Purpose | <p>This unit standard is intended for those working in the timber and composite flooring industry.</p> <p>People credited with this standard are able to fine sand timber and composite floors in the flooring industry to the level of performance required of a commercially competent tradesperson.</p> |
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| Classification | Construction Trades > Flooring |
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| Available grade | Achieved |
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Guidance Information

1 Assessment

This unit standard is intended to align with the *New Zealand Certificate in Timber and composite flooring – Specifications* and the *New Zealand Certificate in Timber and Composite Flooring (Level 4)* [Ref: 4300].

Evidence for this standard must reflect commercial competence.

Commercial competence refers to the ability to demonstrate knowledge and skills in the context of the currently accepted requirements of a business operating in a commercial environment.

Commercial competence must be confirmed by a person with current expertise in the timber and composite flooring trade.

2 Definitions

Manufacturer's installation guidelines include all the relevant producer information for a specific timber floor installation including fine sanding requirements.

Workplace procedures refers to the documented procedures specific to a workplace which sets out the standard and the required practices of that workplace.

3 Legislation, standards and guidance information relevant to this standard includes the following, and any subsequent amendments and replacements:

New Zealand Certificate in Timber or Composite Flooring – Specifications, BCITO, September 2020, available from www.waihanga.nz.

Legislation accessed at www.legislation.govt.nz

- Building Act 2004
- Construction Contracts Act 2002
- Hazardous Substances and New Organisms Act 1996
- Health and Safety at Work Act 2015
- The New Zealand Building Code.

Standards accessed at www.standards.govt.nz

- NZS 3604:2011 *Timber Framed Buildings*
- ISO 10874:2009 *Resilient, textile and laminate floor coverings – Classification*
- AS/NZS 1080.1:2012 *Timber - Methods of test – Method 1: Moisture Content.*

Best practice and good practice guidelines

- *The Absolutely Essential Health and Safety Toolkit for Small Construction Sites*, and other Worksafe NZ publications available from www.worksafe.govt.nz.

Skill specification and performance level guidance

Skill specification

Fine sand timber and composite floors in the flooring industry.

Knowledge

How to recognise common issues associated with timber and composite floors, and methods to remedy them for fine sanding and finishing.

Range solid, laminated, and processed timber;
form may include - strip, block, sheet, tile.

The technical and physical requirements required when preparing timber and composite surface flooring ready for fine sanding and finishing.

Range moisture content, thickness, density, stability, porosity, age, contaminants.

The types, purposes, and properties of sandpapers used in timber and composite floor sanding.

The types, purposes, and properties of fillers used in timber and composite floor sanding.

Skills

Assess the physical and technical requirements of new and existing timber and composite floors to prepare surfaces for fine sanding and finishing.

Remove existing floor coverings, coatings, and contaminants from timber and composite flooring surfaces.

Prepare existing timber and composite floors for sanding and finishing.

Range ambient temperature within specified tolerance, furniture and fittings removed, area cleaned, dust and shade protectors fitted, adequate ventilation.

Remediate existing timber and composite floors before sanding and finishing.

Range may include – clean surfaces, remedy slight height variations, light grind or organising a specialist to carry-out repairs.

Reassess timber or composite floors after remediation to confirm readiness for timber and composite floor sanding operations.

Apply fillers to timber and composite flooring surfaces as required to ensure readiness for fine sanding.

Fine sand timber and composite floors to prepare for application of finishes.

Range timber is sanded through coarse, and medium sanding within acceptable tolerances.

Performance level guidance

Performance must reflect manufacturers' installation guidelines, New Zealand Standards, and workplace procedures.

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| Replacement information | This unit standard and unit standard 32539 replaced unit standard 17007. |
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| Planned review date | 31 December 2026 |
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Status information and last date for assessment for superseded versions

| Process | Version | Date | Last Date for Assessment |
|--------------|---------|------------------|--------------------------|
| Registration | 1 | 25 November 2021 | N/A |

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| 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>.

Comments on this unit standard

Please contact Waihanga Ara Rau Construction and Infrastructure Workforce Development Council at qualifications@waihanga.nz if you wish to suggest changes to the content of this unit standard.