

Title	Demonstrate knowledge of furniture finish systems, preparation, mixing and applications in furniture finishing		
Level	3	Credits	4

Purpose	People credited with this unit standard are able to: explain furniture finish systems; explain furniture finish system preparation; explain mixing and application methods for furniture finish systems; and explain furniture finish remedial actions required for issues.
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Classification	Furniture > Furniture Finishing
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Available grade	Achieved
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Guidance Information

- 1 Legislation
Health and Safety at Work Act 2015.
Hazardous Substances and New Organisms Act 1996.
Resource Management Act 1991.
- 2 Definitions
Accepted industry practice – approved codes of practice and standardised procedures accepted by the wider furniture industry as examples of best practice.
Clear finish system refers to an application of different layers of clear finishes and other materials to furniture surfaces in specific sequence to achieve a good quality product.
Workplace procedures refer to documented policies and procedures set by the organisation carrying out the work, and to documented or other directions provided to staff, and applicable to the tasks being carried out. They may include but are not limited to – standard operating procedures, site-specific procedures, site safety procedures, equipment operating procedures, quality assurance procedures, product quality specifications, references, approved codes of practice, housekeeping standards, environmental considerations, on-site briefings, supervisor’s instructions, and procedures to comply with legislative and local body requirements relevant to the furniture industry sector.
- 3 Range
Furniture finishes may include – water based, solvent based, oil based systems.
- 4 Assessment information
All activities and evidence must be in accordance with workplace procedures and accepted industry practice.

Outcomes and performance criteria

Outcome 1

Explain furniture finish systems.

Performance criteria

1.1 Furniture finishes and their uses are explained.

Range evidence of five furniture finish systems is required.

1.2 Furniture finish gloss levels are explained in relation to their use and durability.

Outcome 2

Explain furniture finish system preparation.

Range preparation may include but is not limited to – degreasing, sanding, film builds, cleaning, grain filling, drying.

Performance criteria

2.1 Preparation of bare and pre-coated furniture is explained in relation to finish systems.

Range three different pieces of bare furniture of three different materials; three different pre-coated pieces of furniture of three different materials.

Outcome 3

Explain mixing and application methods for furniture finish systems.

Performance criteria

3.1 Mix ratio of finish systems is explained.

Range evidence of two different systems is required.

3.2 Application methods for marine clear finishes are explained.

Range spraying, brushing.

3.3 Storage requirements for clear finishes are explained in terms of safety and shelf life.

Outcome 4

Explain furniture finish remedial actions required for issues.

Performance criteria

4.1 Furniture finish issues and remedies are explained.

Range issues may include but are not limited to – orange peel, cracking, contamination, water damage, air entrapment, improper mix ratio, improper mixing, substrate preparation.

Planned review date	31 December 2025
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	25 March 2021	31 December 2021
Revision	2	16 December 2021	N/A

Consent and Moderation Requirements (CMR) reference	0173
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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 Hanga-Aro-Rau Manufacturing, Engineering and Logistics Workforce Development Council qualifications@hangaarorau.nz if you wish to suggest changes to the content of this unit standard.