

Title	Remove existing coatings, and prepare furniture surfaces for finishing		
Level	3	Credits	4

Purpose	People credited with this unit standard are able to: demonstrate knowledge of coating removers used in furniture finishing; prepare to remove existing furniture coatings; remove existing furniture coatings; and prepare furniture surfaces for finishing.
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Classification	Furniture > Furniture Finishing
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Available grade	Achieved
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Guidance Information

- 1 Legislation relevant to this unit standard includes the Health and Safety at Work (Hazardous Substances) Regulations 2017, and any subsequent amendments.
- 2 Assessment information
This unit standard must be assessed against on-job.
All activities and performance criteria must be carried out in accordance with worksite policies and procedures.
- 3 Personal protective equipment, appropriate to job requirements, is to be selected and used in accordance with worksite policies and procedures and manufacturer's instructions.
- 4 Reference
Jackson, A and Day,D, (2nd ed.) (1999). *Good Wood Handbook*. London, England: Popular Woodworking Books, which is available at: <http://www.amazon.com>.
- 5 Definitions
Coating removers are chemical strippers used to remove all types of coatings from furniture.
Manufacturer's instructions are instructions provided by manufacturers of substances, equipment, and machinery used in furniture making. These instructions may include details on safe and correct handling, use and storage of substances and/or details on substance properties. Examples are labels on substance containers, product data sheets, and operator's manuals.
Safety Data Sheets (SDSs) are documents containing information on toxic substances used in the worksite. It is a requirement of the Environmental Protection Authority that all worksites using toxic substances have SDSs.
Worksite policies and procedures refer to documented policies and to documented or other directions provided to staff. These may include, but are not limited to, ways of managing health and safety, environmental considerations, quality, and production,

and must conform to legislation. Examples include standard operating procedures, company health and safety plans, on-site briefings, and supervisor's instructions.

Outcomes and performance criteria

Outcome 1

Demonstrate knowledge of coating removers used in furniture finishing.

Performance criteria

- 1.1 The purpose of different types of coating removers used in furniture finishing is explained in accordance with the reference text.
- Range general-purpose strippers, varnish removers, safe strippers, liquid and gel strippers, spirit or water-washable strippers.
- 1.2 Equipment used to aid removal of coatings is identified and explained in terms of its purpose.
- Range wire wool, putty knives, scrapers.
- 1.3 Side effects that may occur when remover is used are explained in terms of their causes.
- Range reactions with future coatings, timber staining, lift veneers, loosen joints.
- 1.4 Techniques used for removing coatings are explained in accordance with the reference text.
- Range dip stripping, brushing.
- 1.5 A coating remover available in the workplace is identified and the SDSs information relating to that remover is explained.
- Range ingredients, safety data, disposal requirements.
- 1.6 The identified coating remover is described in terms of the time required for finish to blister, bubble, or crinkle once applied, in accordance with manufacturer's instructions.

Outcome 2

Prepare to remove existing furniture coatings.

Performance criteria

- 2.1 Job specifications are obtained and interpreted.
- Range article of furniture to be stripped, existing finish.

2.2 Removal method is selected in accordance with wood type, substrate, existing finish, and job specifications.

Range any of – mechanical, manual, solvent, chemical, dip.

2.3 Equipment is selected in accordance with job specifications.

Range must include but is not limited to – abrasives, rags, chisel, cabinet scraper, brushes.

2.4 Stripper and neutraliser are selected in accordance with job specifications.

Outcome 3

Remove existing furniture coatings.

Performance criteria

3.1 Coating remover is applied to the furniture surface in accordance with job specifications.

3.2 Previous coatings are removed in accordance with job specifications.

Range any of – abrasives, rags, chisel, cabinet scraper, steel wool, putty knives, brushes.

3.3 Neutraliser is applied to the stripped surface in accordance with job specifications.

Outcome 4

Prepare furniture surfaces for finishing.

Performance criteria

4.1 Any defects and blemishes in the substrate are identified and remedied in accordance with job specifications.

4.2 Abrasive is selected and used to sand the stripped surface in accordance with job specifications.

4.3 Work area is left clean, clear, and safe and rags are disposed of.

Planned review date	31 December 2024
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	22 September 2000	31 December 2018
Review	2	19 June 2009	31 December 2018
Review	3	19 March 2015	N/A
Review	4	26 November 2020	N/A

Consent and Moderation Requirements (CMR) reference

0173

This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Comments on this unit standard

Please contact Competenz qualifications@competenz.org.nz if you wish to suggest changes to the content of this unit standard.