

Title	Select and apply metallic coatings to furniture surfaces		
Level	4	Credits	10

Purpose	People credited with this unit standard are able to: select metallic coatings for furniture surfaces; and prepare to apply, and apply, metallic coatings to furniture surfaces.
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Classification	Furniture > Furniture Finishing
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Available grade	Achieved
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Guidance Information

- 1 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.
- 2 Personal protective equipment, appropriate to job requirements, is to be selected and used in accordance with worksite policies and procedures and manufacturer's instructions.
- 3 Definitions
Lace coat refers to a technique for applying coatings in furniture finishing.
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.
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

Select metallic coatings for furniture surfaces.

Performance criteria

- 1.1 Job specifications are obtained and interpreted.
- Range surfaces to be coated, type of coating, top coat.
- 1.2 Spray equipment for the job is selected in accordance with job specifications.
- Range any of – conventional, high-volume low pressure.
- 1.3 Metallic coating is selected in accordance with job specifications.
- 1.4 Drying method, platforms, drying racks, and trolleys are selected in accordance with job specifications.

Outcome 2

Prepare to apply metallic coatings to furniture surfaces.

Performance criteria

- 2.1 Prepared surface is checked and confirmed to be free of defects.
- 2.2 Metallic coating is thinned in accordance with manufacturer's instructions and applied to test piece.
- 2.3 Test piece is checked against colour chart or client sample to ensure metallic coating is in accordance with job specifications.
- 2.4 Spray equipment is set up and tested.
- Range none of – spitting, fluttering, half mooning, contaminants.
- 2.5 Metallic base coats are applied using lace coat technique in accordance with job specifications ensuring base coats are free from defects and blemishes and left to dry.
- Range defects and blemishes – runs, orange peel, dust, sanding marks, streaking, silicon reactions, waxing, overspray, blistering, solvent entrapment.
- 2.6 Metallic coating is re-thinned.

Outcome 3

Apply metallic coatings to furniture surfaces.

Performance criteria

- 3.1 Final metallic coating is applied and left to dry.
- Range cross hatching, dusting or feather coating.

- 3.2 Final metallic coating is checked in accordance with job specifications.
- Range free from – runs, orange peel, dust, sanding marks, streaking, silicon reactions, waxing, overspray, blistering, solvent entrapment.
- 3.3 Clear coat is applied in a thin layer to ensure it dries quickly and prevents metallic particles from laying down.
- 3.4 Clear coat is left to dry.
- 3.5 Remaining required clear coats are applied.
- 3.6 Any faults in the final finish are identified and rectified in accordance with job specifications.
- 3.7 Drying racks or trolleys are moved to a drying area.
- Range clear of – walkways, doorways, draughts.
- 3.8 Finish is allowed to dry in accordance with materials, job specifications, and product manufacturer's instructions.
- 3.9 Equipment and work area are left clean, clear, and safe and used 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
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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 Competenz qualifications@competenz.org.nz if you wish to suggest changes to the content of this unit standard.