



Australian Government

MSFFF3006 Repair and touch up surfaces

Release: 1

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Modification History

Release 1 - New unit of competency

Application

This unit of competency covers applying techniques to repair and touch up damaged surfaces.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Competency Field

Unit Sector

Furniture finishing

Elements and Performance Criteria

Elements describe the essential outcomes.

Performance criteria describe the performance needed to demonstrate achievement of the element.

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| 1 | Prepare for work | 1.1 | Workplace information, including materials application and safety information, and material safety data sheets (MSDS), is used to inform work practices |
| | | 1.2 | Characteristics of the surface and the required surface coating are identified from work orders or instructions |
| | | 1.3 | Processing and application techniques, time and safety requirements are identified and used for work planning |
| | | 1.4 | Work health and safety (WHS) requirements, including ventilation requirements and personal protection needs, are observed throughout the work |
| | | 1.5 | Tools, equipment and accessories are identified and checked for safe and effective operation for the surface coating task |
| 2 | Repair surfaces | 2.1 | Surfaces are checked for contamination and correct preparation according to workplace procedures and |

		standards
	2.2	Products with surface or other faults are identified and assessed
	2.3	Materials required for repair are selected and prepared
	2.4	Repairs are completed to manufacturer standards and/or industry practices
3	Prepare for application of materials	3.1 Techniques for hand application of materials are identified and selected
	3.2	Coating materials required are identified and prepared for the surface coating task
	3.3	Trial applications of surface materials are made to check equipment operation, materials consistency and specified surface finish
	3.4	Faults are identified and workplace procedures for rectification are followed
4	Apply surface coating	4.1 Surface coatings are applied according to job instructions, manufacturer specifications and workplace procedures
	4.2	Coated products are inspected and approved for suitability for further processing
	4.3	Products which do not meet quality specifications are recoated or tagged for further investigation
5	Clean work area and maintain equipment	5.1 Equipment used is cleaned and inspected for serviceable condition and stored appropriately
	5.2	Unserviceable equipment is tagged, faults are identified and appropriate personnel are informed
	5.3	Work area, including painting locations, is cleaned and returned to approved condition
	5.4	Workplace records are completed

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency. Detail on appropriate performance levels for each furnishing unit of competency in reading, writing, oral communication and numeracy utilising the Australian Core Skills Framework (ACSF) are provided in the Furnishing Training Package Implementation Guide.

Range of Conditions

Specifies different work environments and conditions that may affect performance. Essential operating conditions that may be present (depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts) are included. Range is restricted to essential operating conditions and any other variables essential to the work environment.

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|--------------------------------|---|
| Unit context includes: | <ul style="list-style-type: none">• WHS requirements, including legislation, building codes, material safety management systems, hazardous and dangerous goods codes, and local safe operating procedures or equivalent• work is carried out in accordance with legislative obligations, environmental legislation, relevant health regulations, manual handling procedures and organisation insurance requirements• work requires individuals to demonstrate some discretion, judgement and problem solving in the application of surface coatings |
| Techniques include: | <ul style="list-style-type: none">• decontamination and repair• stripping• wash off• stoppings• epoxy• button lac• water putty• wax• plugs and refinishing |
| Surface faults include: | <ul style="list-style-type: none">• machine marks• bruising• pencil marks• grease• cross-sanding marks• scratches• glue marks• dirt marks• insect and termite holes |

	• holes • knots • blisters • rubber marks • burns or tears • ropiness and foreign matter in the polish
Surfaces include:	• solid timber • manufactured board • metal
Tools and equipment include:	• brushes • rollers • soup rubbers • paint trays • power agitators • sanders • liquid containers • scrapers • quirk sticks • sandpapers • cotton rags • hessian • steel wool • sandpaper • abrasive papers
Materials include:	• lacquers • paints • acrylics • enamels • one-pot polyurethane • methylated spirits • pigments • spirit colours
Personal protective equipment includes:	• that prescribed under legislation, regulations and enterprise policies and practices
Information and procedures include:	• workplace procedures relating to the use of tools and equipment • work instructions, including job sheets, cutting lists, plans, drawings and designs • workplace procedures relating to reporting and communication

- manufacturer specifications and operational procedures

Unit Mapping Information

Supersedes and is equivalent to LMFFF3006B Repair and touch up surfaces

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=0601ab95-583a-4e93-b2d4-cfb27b03ed73>