



Australian Government

MSFFL3121 Apply emulsion wax and oil-based coatings to timber floors

Release: 1

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Modification History

Release 1. Supersedes and is not equivalent to MSFFL3091 Apply oil-based coatings to timber flooring. Changes to title, application, elements and performance criteria to improve clarity and consistency across MSFFL units. Changes to assessment requirements.

Application

This unit describes the skills and knowledge required to select oil-based and emulsion wax coating systems appropriate for the job, prepare for the work and apply the selected coatings to timber and parquet floors.

Workers with this competency undertake routine tasks on residential and non-residential/commercial sites according to job instructions and workplace procedures using discretion, judgement and problem-solving to identify and resolve routine issues. They work with a high degree of self-direction under routine supervision, and they are responsible for their output.

The work described in this unit may require a licence or certification in some jurisdictions, and state or territory authorities should be consulted to determine the current status. Workers on construction sites are required by law to complete induction training. They must also comply with relevant legislation, regulations, Australian Standards, codes and manufacturer installation instructions.

Competency Field

Flooring technology

Elements and Performance Criteria

Elements	Performance Criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
1. Prepare to apply emulsion wax and oil-based coating systems	1.1 Interpret coating requirements from job and manufacturer instructions and calculate the quantities of materials required 1.2 Identify hazards relating to the work site, work practices, materials, tools and equipment, and check risk treatments are in place and operating including systems to ventilate chemical fumes and to meet environmental protection requirements 1.3 Select and check all required tools and equipment are ready to use, and organise to fix any deficiencies according to workplace procedures

Elements	Performance Criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
	1.4 Plan the work sequence to ensure efficient, quality application 1.5 Select coating materials considering the job instructions, the qualities of the materials, and their compatibility with each other and with the surface to be coated 1.6 Check the coating materials meet quality requirements and are prepared and ready for use according to the manufacturer instructions, product labels, safety data sheets and workplace procedures 1.7 Confirm the surface to be coated is clean and suitable for coating, and fix or report any deficiencies according to workplace procedures 1.8 Erect signage and/or barricades around the area to be coated according to workplace procedures
2. Apply the coating	2.1 Apply coating material according to the manufacturer instructions, product labels, safety data sheets and workplace procedures 2.2 Reapply coating material as required according to the recommended time between coats 2.3 Buff and sand between coats according to manufacturer instructions 2.4 Check the floor is coated correctly according to job instructions and quality requirements, and fix any deficiencies 2.5 Provide floor maintenance instructions and warranty provisions to the client according to workplace procedures
3. Complete the task according to workplace procedures	3.1 Clean up the work area, identify items for recycling and dispose of waste 3.2 Identify, tag and report any damage to equipment and tools 3.3 Check, clean and do routine maintenance on equipment and tools and store them and unused materials 3.4 Complete task outcome documentation

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance but not explicit in the performance criteria.

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Unit Mapping Information

No equivalent unit.

Links

Companion Volume Implementation Guides are found in VETNet – -

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

Assessment Requirements for MSFFL3121 Apply emulsion wax and oil-based coatings to timber floors

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Performance Evidence

There must be evidence the candidate has completed the tasks in the elements and performance criteria of this unit of competency and has demonstrated the ability to apply according to job instructions:

- emulsion wax and oil-based coatings to two complete rooms:
 - with at least one coating an oil-based coating
 - with coatings applied to two different timber species.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- manufacturer use instructions for emulsion wax and oil-based coatings
- the qualities of common emulsion wax and oil-based coatings including:
 - what they look like when applied
 - their durability and longevity
 - their ventilation requirements
 - their moisture content
 - their reaction to changes in temperature and relative humidity
- the safe and correct use of, and maintenance requirements for tools and equipment for, applying emulsion wax and oil-based coatings
- the most common issues that can arise when applying emulsion wax and oil-based coatings and how to avoid and respond to them
- workplace policies and procedures relevant to their job role and responsibilities including for:
 - applying emulsion wax and oil-based coatings
 - communication and reporting
 - environmental protection and sustainability, including maximising resource utilisation and minimising waste
 - quality indicators for completed work and process improvements
 - work health and safety, including the use of personal protective equipment and safety data sheets
 - work planning

- how to identify if timber flooring is suitable for applying emulsion wax and oil-based coatings
- how to identify if emulsion wax and oil-based coatings are applied correctly.

Assessment Conditions

Skills must have been demonstrated in the workplace or in a simulated environment that reflects workplace conditions and contingencies. The following conditions must be met for this unit:

- use of suitable facilities, equipment and resources, including:
 - timber flooring on which to apply emulsion wax and oil-based coatings
 - coating and other materials required by job instructions
 - equipment and tools required for the activities set out in the elements and performance criteria, including those to control hazards
 - job instructions and workplace procedures.

Assessors must satisfy the NVR/AQTF mandatory competency requirements for assessors.

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