



Australian Government

MSFFL3089 Apply solvent-based coatings to timber flooring

Release: 1

MSFFL3089 Apply solvent-based coatings to timber flooring

Modification History

Release 1. Supersedes and is equivalent to MSFFL3023 Apply solvent-based coatings to timber flooring.

Application

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

This unit applies to flooring technicians working in accordance with pre-determined work orders.

Licensing, legislative or certification requirements may apply to this unit and relevant state/territory and local government agencies should be consulted to determine any necessary certification or licensing for undertaking flooring work. Access to construction sites requires certification of general induction training specified by the National Code of Practice for Induction for Construction Work (ASCC 2007).

Pre-requisite Unit

N/A

Unit Sector

Flooring technology

Elements and Performance Criteria

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Identify and prepare for work requirements	1.1 Identify and follow work health and safety, legislative and organisational requirements 1.2 Read work documentation and identify job requirements 1.3 Select coating material based on product qualities and client expectations 1.4 Assess selected coating materials for compatibility with each other, with the surface to be finished and with manufacturer recommendations 1.5 Select and check tools, equipment and materials for suitability,

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	serviceability and safety prior to use 1.6 Inspect and confirm readiness of surface to be finished, and erect barrier signs to coating area 1.7 Plan sequence of work to ensure efficiency and quality of application
2. Apply finishing system	2.1 Check ventilation before chemical fumes are released, and confirm all work health and safety and environmental protection requirements are met 2.2 Apply coating material in accordance with manufacturer recommendations 2.3 Observe recommended drying times between coats 2.4 Buff and sand between coats in accordance with manufacturer recommendations 2.5 Check final finish against quality and job requirements, and rectify deficiencies 2.6 Provide required floor maintenance instructions and warranty provisions to the client in accordance with workplace procedures.
3. Complete housekeeping	3.1 Reseal unused materials and store in accordance with workplace procedures 3.2 Check, clean and store tools and equipment in accordance with workplace procedures 3.3 Clear and clean work area and dispose of rubbish safely 3.4 Accurately complete required workplace documentation

Foundation Skills

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

Unit Mapping Information

Supersedes and is equivalent to MSFFL3023 Apply solvent-based coatings to timber flooring.

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 MSFFL3089 Apply solvent-based coatings to timber flooring

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Performance Evidence

There must be evidence the candidate has completed the tasks outlined in the elements and performance criteria of this unit, and:

- applied solvent-based coatings in accordance with job requirements to 2 complete rooms:
 - used 2 different products
 - applied coating to 2 different timber species.
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Knowledge Evidence

There must be evidence the candidate has knowledge of:

- mathematical procedures for estimation and measurement, including calculation of area
- solvent-based coating application:
 - Australian Standards requirements
 - workplace safety systems
 - work flow
 - environmental protection and sustainability requirements
- methods of, and requirements for, timber floor preparation, including basic sanding, finishing sanding and edging
- type, characteristics, uses and limitations of different resin, epoxy and polyurethane products in relation to:
 - aesthetic quality
 - durability and longevity
 - ventilation and other safety requirements
 - moisture content
 - reaction to change of temperature and relative humidity
 - manufacturer recommendations
- characteristics, safe use, maintenance and limitations of finishing tools and equipment
- techniques for application, the types of problems that may occur and how to avoid and respond
- procedures and protocols for the recording, reporting and maintenance of workplace records and information.
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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:
 - floors requiring finishing
 - equipment, tools and materials to complete tasks in the Performance Evidence, including safety and personal protective equipment
 - work orders
 - workplace procedures.

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

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