



Australian Government

MSFFL3098 Sand and fill parquetry flooring

Release: 1

MSFFL3098 Sand and fill parquetry flooring

Modification History

Release 1. Supersedes and is equivalent to MSFFL3045 Sand and fill parquetry flooring.

Application

This unit describes the skills and knowledge required to prepare for work and sand and fill parquetry floors in preparation for applying coating or re-coating to the flooring. It involves operating split drum and/or belt floor sander, rotary or orbital sanding and edge sanding machines.

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 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. Prepare for the work	1.1 Identify and follow work health and safety, legislative and organisational requirements 1.2 Read work documentation and identify job requirements 1.3 Identify surface suitability for fine sanding based on contamination and moisture content inspection, and complete pre-sanding requirements 1.4 Assess and confirm parquetry flooring condition and the extent of coarse, finish and fine sanding and filling required to meet job specifications

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	1.5 Select and check tools, equipment and materials for suitability, serviceability and safety prior to use 1.6 Isolate and/or encapsulate the job site to contain dust fallout from sanding operation 1.7 Plan sequence of work to ensure efficiency and quality of application
2. Sand floor	2.1 Set up, check and adjust sanding equipment and safety features in accordance with manufacturer instructions 2.2 Select and change equipment to meet requirements of the job 2.3 Select, attach and routinely check and change sanding belts or papers to ensure quality finish 2.4 Conduct trial runs to check machine operations and quality of finished work 2.5 Complete sanding systematically and effectively with the grain, against the grain and across the grain within the minimum required timeframe 2.6 Complete required routine lubrication and adjustments to the equipment 2.7 Clean and check final finish against quality and job requirements, and rectify deficiencies
3. Fill floor	3.1 Check ventilation before chemical fumes are released, and confirm all WHS and environmental protection requirements are met 3.2 Prepare filling material in accordance with manufacturer specifications 3.3 Make trial applications of fillers to check equipment operation, materials consistency, viscosity and specified colour 3.4 Identify faults and/or inconsistencies in colour and follow workplace procedures for rectification and adjustments 3.5 Apply filling material in accordance with manufacturer recommendations and observe drying times between coats 3.6 Sand between coats as required in accordance with manufacturer recommendations 3.7 Clean and check final finish against quality and job requirements, and rectify deficiencies

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
4. Complete housekeeping	4.1 Store and recycle unused materials in accordance with workplace procedures 4.2 Check, clean and store tools and equipment in accordance with workplace procedures 4.3 Clean work area and dispose of rubbish safely 4.4 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 MSFFL3045 Sand and fill parquetry 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 MSFFL3098 Sand and fill parquetry 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:

- completed the full sanding process for 2 parquetry floors in complete rooms in accordance with job specifications:
 - 1 block
 - 1 mosaic or multi-directional patterned.
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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
- parquetry sanding operations:
 - Australian Standards requirements
 - procedures
 - workplace safety systems
 - work flow
 - environmental protection and sustainability requirements
 - floor condition requirements for sanding operations
 - characteristics, safe use, maintenance and limitations of tools and equipment for:
 - finish sanding
 - edge sanding
 - fine sanding
 - techniques for machine use, 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:
 - parquetry floors requiring filling and sanding
 - equipment, tools and materials to complete tasks in the Performance Evidence, including safety and personal protective equipment
 - work orders
 - workplace procedures.
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Links

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