



Australian Government

MSFFL3036 Install mosaic parquetry flooring

Release: 1

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Modification History

Release 1 - New unit of competency

Application

This unit of competency covers preparing, setting out, cutting and installing mosaic parquetry flooring in domestic and commercial sites

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

Competency Field

Unit Sector

Flooring technology

Elements and Performance Criteria

Elements describe the essential outcomes.

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

1	Prepare for work	1.1	Applicable work health and safety (WHS), legislative and organisational requirements relevant to the installation of mosaic parquetry flooring are verified and complied with
		1.2	WHS requirements, including personal protection needs, are observed throughout the work
		1.3	Instructions and/or plans are read and interpreted to identify process required to complete work tasks
		1.4	Sub-floor condition is assessed for suitability for installation of mosaic parquetry flooring consistent with Australian Standards, industry standards and

- manufacturer recommendations
- 1.5 Tools, equipment and materials are selected and checked prior to use to ensure that they are appropriate for the work, serviceable and in a safe condition
 - 1.6 Skirting boards or cover trims are removed or undercut, if required, and stored for re-fitting
 - 1.7 Sequence of work is planned, including start point, to ensure efficiency and quality of installation
- 2 Set out mosaic parquetry flooring
 - 2.1 Mosaic parquetry flooring are acclimatised according to manufacturer recommendations
 - 2.2 Mosaic parquetry flooring for fixing are organised and used in accordance with relevant safety management requirements
 - 2.3 Adhesives and edge strips are prepared for use as required
 - 2.4 Area to be covered is measured, working lines and starting point are established
 - 3 Lay out and cut parquetry mosaic fingers
 - 3.1 Instructions and sequence for laying and fixing are followed
 - 3.2 Appropriate underlay is laid according to manufacturer recommendations
 - 3.3 Mosaic parquetry flooring is laid out to meet directional sequence, pattern match, specification requirements, and to minimise waste and joins
 - 3.4 The aesthetics of the materials are maximised, including matching grains and colours
 - 3.5 Parquetry mosaic fingers are accurately and clearly marked for cutting
 - 3.6 Parquetry mosaic fingers are cut, where required, to provide appropriate size and shape ensuring minimum waste
 - 4 Install mosaic parquetry
 - 4.1 Adhesives and edge strips/accessories are prepared for use as required
 - 4.2 Adhesives are used following workplace procedures

- 4.3 Fixing methods and equipment are used following manufacturer recommendations
 - 4.4 Parquetry is installed and fixed to produce required pattern
 - 4.5 Appropriate field and perimeter expansion joints are allowed
 - 4.6 Skirting boards or cover trims are fitted/re-fitted and finished
 - 4.7 Finished job is inspected and any imperfections are rectified following workplace procedures
- 5 Complete housekeeping
- 5.1 Unused materials are stored or recycled as required
 - 5.2 Tools and equipment are cleaned and stored appropriately
 - 5.3 Work area is cleaned and rubbish disposed of appropriately
 - 5.4 Workplace documentation is 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.

Unit context includes:

- 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

Sub-floor assessment includes:

- testing for moisture content
- expansion
- rot
- structural strength
- smoothness
- plane

Tools and equipment include:

- drop saw
- hand saw
- radial arm saw
- router
- stringline
- chalk and chalk-line
- square
- notched trowel
- moisture meter
- straight edge
- template
- plunge saw

- jig saw
 - bench saw
 - band saw
 - circular saw
 - planer
 - laser level
- Materials include:**
- underlays
 - adhesives
 - timber fillers
 - skirting boards
 - cover trims
 - accessories
- Adhesives include:**
- polyvinyl alcohol (PVA)
 - epoxy
 - polyurethane elastomeric
- 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 LMFFL3508A Install mosaic parquetry flooring

Links

Companion Volume implementation guides are found in VETNet -

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