



Australian Government

MSFFL3035 Install patterned parquetry flooring

Release: 1

MSFFL3035 Install patterned parquet flooring

Modification History

Release 1 - New unit of competency

Application

This unit of competency covers preparing, setting out, cutting and installing patterned parquet 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 patterned parquet 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 patterned parquet 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 the starting point, to ensure efficiency and quality of installation
2	Set out patterned parquet flooring	2.1	Patterned parquet flooring are acclimatised according to manufacturer recommendations
		2.2	Patterned parquet 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 parquet patterns	3.1	Instructions and sequence for laying and fixing are followed
		3.2	Appropriate underlay is laid according to manufacturer recommendations
		3.3	Patterned parquet 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	Cutting jigs for pattern components are measured and set for repetitive use
		3.6	Parquet blocks are set in appropriate jig and cut
4	Install patterned parquet	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 elastamers
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 LMFFL3507A Install patterned parquet 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 MSFFL3035 Install patterned parquetry flooring

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Performance Evidence

- Interpret work order and locate and apply relevant information
- Apply safe handling requirements for equipment, products and materials, including use of personal protective equipment
- Identify materials used in the work process
- Follow work instructions, operating procedures and inspection processes to:
 - minimise the risk of injury to self or others
 - prevent damage to goods, equipment and products
 - maintain required production output and product quality
- Complete a minimum of two (2) patterned parquetry floors, which are to include at least:
 - one (1) personally designed pattern
 - one (1) patterned floor, herringbone pattern with a two patterned border
- Use mathematical ideas and techniques to correctly complete measurements, calculate area and estimate material requirements
- Communicate ideas and information to enable confirmation of work requirements and specifications and the reporting of work outcomes and problems, interpret basic plans and follow safety procedures
- Avoid backtracking, work flow interruptions or wastage
- Work with others and in a team by recognising dependencies and using cooperative approaches to optimise work flow and productivity

Knowledge Evidence

- State or territory WHS legislation, regulations, standards and codes of practice relevant to installation of patterned parquetry
- Organisational and site standards, requirements, policies and procedures for the installation of patterned parquetry
- Environmental protection requirements
- Types, characteristics, uses and limitations of patterned parquetry flooring
- Types and uses of tools and equipment used during the installation of patterned parquetry flooring
- Types, uses and limitations of adhesives
- Workplace safety systems relevant to the installation of patterned parquetry flooring
- Work flow in relation to the laying of patterned parquetry flooring
- Appropriate mathematical procedures for estimation and measurement

- Procedures for the recording, reporting and maintenance of workplace records and information

Assessment Conditions

- Assessors must:
 - hold training and assessment competencies as determined by the National Skills Standards Council (NSSC) or its successors
 - have vocational competency in the furnishing industry at least to the level being assessed with broad industry knowledge and experience, usually combined with a relevant industry qualification
 - be familiar with the current skills and knowledge used and have relevant, current experience in the furnishing industry.
- Assessment methods must confirm consistency of performance over time rather than a single assessment event and in a range of workplace relevant contexts.
- Assessment must be by observation of relevant tasks with questioning on underpinning knowledge and, where applicable, multimedia evidence, supervisor's reports, projects and work samples.
- Assessment is to be conducted on single units of competency or in conjunction with other related units of competency. Foundation skills are integral to competent performance in the unit and should not be assessed separately.
- Assessment must occur on the job or in a workplace simulated facility with relevant process, equipment, materials, work instructions and deadlines.
- Access is required to materials, equipment and specifications relevant to the installation of patterned parquet flooring.

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