



Australian Government

MSFFL3037 Install sprung timber flooring

Release: 1

MSFFL3037 Install sprung timber flooring

Modification History

Release 1 - New unit of competency

Application

This unit of competency covers installing a special purpose sprung platform-based timber floor for use in sporting or leisure facilities.

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 installing sprung timber flooring are verified and complied with
		1.2	Instructions and/or plans are read and interpreted to identify process required to complete work tasks
		1.3	Sub-floor condition is assessed for suitability for installation of sprung timber flooring consistent with Australian Standards, industry standards and manufacturer recommendations
		1.4	Suitable underlays, adhesives, trims and accessories are selected if required
		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	Sequence of work is planned to identify the starting point and to ensure efficiency and quality of the work
2	Set out materials	2.1	Timber flooring to be installed is checked against order
		2.2	Timber flooring is acclimatised according to manufacturer recommendations
		2.3	Skirting boards or cover trims are removed or undercut, if required, and stored for re-fitting or sent for machining
		2.4	Timber flooring for fixing is organised and used in accordance with relevant safety management requirements
		2.5	Adhesives and edge strips are prepared for use as required
		2.6	Area to be covered is measured, working lines and starting point are established
3	Cut timber flooring	3.1	Instructions and sequence for laying and fixing are followed
		3.2	Underfloor pads are laid according to manufacturer recommendations
		3.3	Timber flooring is laid out to meet directional sequence, pattern match, specification requirements, and to minimise waste and joins as appropriate
		3.4	The aesthetics of the materials are maximised, including matching grains and colours
		3.5	Timber flooring is accurately and clearly marked for cutting
		3.6	Timber flooring is cut to length and size for final laying to provide appropriate size and shape ensuring minimum waste
		3.7	Materials for fixing are organised and used in accordance with relevant safety management requirements
4	Lay sprung timber	4.1	Instructions and sequence for laying and fixing are

flooring		followed	
		4.2	Materials for fixing are organised and used in accordance with relevant safety management requirements
		4.3	Fixing methods and equipment are used following manufacturer recommendations
		4.4	Appropriate field and perimeter expansion joints are allowed
		4.5	Skirting boards or cover trims are fitted/re-fitted and finished
		4.6	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
Sprung timber flooring includes:	• strip tongue and groove • parquetry floating floors • manufactured engineered flooring used for indoor sporting applications
Adhesives include:	• polyvinyl alcohol (PVA) • polyurethane elastomeric
Tools and equipment include:	• drop saw • jig saw • hand saw • undercut saw • hammer • bar scribe • utility knife • and may include: • circular saw • bench saw • straight edge • cramps • clamps • staple gun • secret nailer • roller • sanding machines (drum, belt and rotary) • edger
Materials include:	• flooring materials • underlay • edge strips • tapes • adhesives • underfloor pads • ventilated skirtings
Underfloor pads include:	• rubber • neoprene
Personal protective	• that prescribed under legislation, regulations and enterprise policies and practices

equipment includes:**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 LMFFL3509A Install sprung 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 MSFFL3037 Install sprung timber flooring

Modification History

Release 1 - New unit of competency

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 one (1) type of sprung timber sports floor installation
- 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 sprung timber sports flooring
- Organisational and site standards, requirements, policies and procedures for the installation of sprung timber sports flooring
- Environmental protection requirements
- Types and uses of tools and equipment used during the installation of sprung timber sports flooring
- Workplace safety system requirements relevant to the installation of sprung timber sports flooring
- Work flow in relation to the laying of sprung timber sports flooring
- Appropriate mathematical procedures for estimation and measurement
- Procedures for the recording, reporting and maintenance of workplace records and information
- Types, characteristics, uses and limitations of:
 - sprung timber sports flooring

- installation adhesives
- underfloor pads
- Basic wood working techniques relevant to the installation of sprung timber sports flooring
- Characteristics and requirements of sub-floor preparation
- Work flow in relation to flooring installation operations

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 a realistic sprung timber floor installation requirement, materials, equipment and specifications relevant to installing sprung timber flooring.

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