



Australian Government

MSFFL3084 Install sprung timber flooring

Release: 1

MSFFL3084 Install sprung timber flooring

Modification History

Release 1. Supersedes and is equivalent to MSFFL3037 Install sprung timber flooring.

Application

This unit describes the skills and knowledge required to set out, cut and lay timber for the installation of a special purpose sprung platform-based timber floor for use in sporting or leisure facilities.

This unit applies to flooring technicians installing sprung timber flooring 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. Prepare for work	1.1 Identify and follow work health and safety, legislative and organisational requirements 1.2 Correctly identify work requirements and process from review of documentation 1.3 Confirm subfloor suitability for installation consistent with Australian Standards and manufacturer recommendations 1.4 Select underlays, adhesives, trims and accessories based on job requirements 1.5 Select and check tools, equipment and materials prior to use to ensure that they are appropriate for the work, serviceable and in a safe

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	condition 1.6 Plan sequence of work to identify the starting point and to ensure efficiency and quality of the work
2. Set out materials	2.1 Inspect timber flooring material and confirm species, grade, size and quantity against work orders 2.2 Moisture check timber using required equipment and confirm suitability of moisture content for site conditions as per pre-site inspection procedures 2.3 Remove or undercut skirting boards or cover trims, and store for re-fitting or send for machining in accordance with work requirements 2.4 Organise and use timber flooring for fixing in accordance with safety management requirements 2.5 Prepare required adhesives and edge strips for use 2.6 Measure area to be covered and establish working lines and starting point
3. Cut timber flooring	3.1 Follow instructions and sequence for laying and fixing 3.2 Lay underfloor pads in accordance with manufacturer recommendations 3.3 Install batten and/or sheet substrate materials in accordance with specifications and manufacturer recommendations 3.4 Lay out timber flooring to meet directional sequence, pattern match, specification requirements, and to minimise waste and joins 3.5 Maximise the aesthetics of the materials, including matching grains and colours 3.6 Accurately and clearly mark timber for cutting 3.7 Cut timber flooring to length and size for final laying to provide appropriate size and shape ensuring minimum waste 3.8 Use materials in accordance with safety management requirements
4. Lay sprung timber flooring	4.1 Follow instructions and sequence for laying and fixing 4.2 Use fixing methods and equipment in accordance with manufacturer recommendations and safety management requirements 4.3 Allow for appropriate field and perimeter expansion joints 4.4 Fit and/or re-fit skirting boards or cover trims and finish to quality

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	requirements 4.5 Inspect finished job and rectify imperfections following workplace procedures
5. Complete housekeeping	5.1 Store and recycle unused materials in accordance with workplace procedures 5.2 Check, clean and store tools and equipment in accordance with workplace procedures 5.3 Clean work area and dispose of rubbish safely 5.4 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 MSFFL3037 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 MSFFL3084 Install sprung 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:

- installed 1 type of sprung timber sports floor as part of a team in accordance with job requirements, demonstrating a minimum of 20m² as the lead installer for the:
 - subfloor system
 - flooring installation.
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Knowledge Evidence

There must be evidence the candidate has knowledge of:

- sprung timber sports flooring installation:
 - Australian Standards requirements
 - workplace safety system requirements
 - environmental protection and sustainability requirements
 - manufacturer recommendations
 - work flow in relation to flooring installation operations
 - mathematical procedures for estimation and measurement
 - characteristics and requirements of subfloor preparation
 - types, characteristics, uses and limitations of sprung timber sports flooring, including:
 - strip tongue and groove
 - parquet floating floors
 - manufactured engineered flooring used for indoor sporting applications
 - types, characteristics, uses and limitations of installation adhesives, including:
 - polyvinyl alcohol (PVA)
 - polyurethane elastomeric
 - uses, characteristics, and limitations of rubber and neoprene underfloor pads
 - types, characteristics, safe use, maintenance and limitations of tools, equipment and materials
 - techniques for set out, cutting and laying, the types of problems that may occur and how to avoid and respond
 - basic wood working techniques

- quality indicators for completed work
- procedures 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:
 - locations requiring installation of sprung timber floors
 - sprung timber flooring materials
 - 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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