



Australian Government

MSFFL2040 Install engineered timber flooring

Release: 1

MSFFL2040 Install engineered timber flooring

Modification History

Release 1. Supersedes and is equivalent to MSFFL2024 Install engineered timber flooring.

Application

This unit describes the skills and knowledge required to prepare for work and install, stick by stick, an engineered timber floor within a space over a soft underlay, including preparation, cutting, laying and fixing.

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/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 materials for installation	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 and check tools, equipment and materials prior to use to ensure that they are appropriate for the work, serviceable and in a safe condition 1.5 Plan sequence of work to ensure efficiency and quality of

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	application
2. Set out materials for installation	2.1 Check engineered timber flooring against work order and acclimatise in accordance with manufacturer recommendations 2.2 Organise and use engineered timber flooring for fixing in accordance with safety management requirements 2.3 Remove or undercut skirting boards or cover trims, as required, and store for re-fitting or send for machining in accordance with work requirements 2.4 Prepare required adhesives and accessories for use in accordance with manufacturer instructions
3. Lay out flooring	3.1 Follow instructions and sequence for laying and fixing 3.2 Lay out engineered timber flooring to meet directional sequence, pattern match, specification requirements and to minimise waste and joins 3.3 Maximise the aesthetics of the materials, including matching grains and colours 3.4 Accurately mark engineered timber flooring materials for cutting 3.5 Cut materials to length and size for final laying ensuring minimum waste
4. Lay flooring	4.1 Use materials in accordance with safety management requirements 4.2 Use fixing methods and equipment in accordance with manufacturer recommendations 4.3 Allow appropriate field and perimeter expansion joints 4.4 Fit and/or re-fit skirting boards or cover trims and finish 4.5 Inspect finished job and rectify any imperfections following workplace procedures 4.6 Identify and make required preparations for sanding of flooring
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 MSFFL2024 Install engineered 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 MSFFL2040 Install engineered 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 each of the following types of engineered timber flooring systems in accordance with job requirements:
 - direct stick system
 - floating system
 - nail down system.
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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 and estimation of material requirements
- engineered timber flooring installation:
 - Australian Standards requirements
 - workplace safety system requirements
 - work flow
 - environmental protection and sustainability requirements
 - how to access manufacturer instructions
 - types, characteristics, uses and limitations of different products
 - types, characteristics, uses and limitations of adhesives, including:
 - polyvinyl alcohol (PVA)
 - epoxy
 - polyurethane elastomeric
 - characteristics and requirements of subfloor preparation
 - types, characteristics, safe use, maintenance and limitations of tools, equipment and materials
 - techniques for set out, laying, cutting and fixing, the types of problems that may occur and how to avoid and respond
 - quality indicators for completed work
- 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:
 - location for installation
 - engineered timber flooring
 - 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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