



Australian Government

MSFFL3101 Install bamboo flooring

Release: 1

MSFFL3101 Install bamboo flooring

Modification History

Release 1. Supersedes and is not equivalent to MSFFL2023 Install laminate timber and bamboo flooring.

Application

This unit describes the skills and knowledge required to set out, cut, lay and fix bamboo flooring.

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. Industry standards and codes of practice within Australia must also be applied. 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 and equipment prior to use to ensure that

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	they are appropriate for the work, serviceable and in a safe condition 1.6 Plan sequence of work, and starting point, to ensure efficiency and quality of installation
2. Set out materials for installation	2.1 Check flooring against work order and acclimatise in accordance with manufacturer recommendations 2.2 Organise and use flooring for fixing in accordance with relevant safety management requirements 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 Prepare required adhesives and accessories for use 2.5 Establish working lines and starting point
3. Prepare and cut flooring	3.1 Follow instructions and sequence for laying and fixing 3.2 Lay appropriate underlay in accordance with manufacturer recommendations 3.3 Lay out flooring to meet directional sequence, pattern match, specification requirements, and to minimise waste and joins 3.4 Maximise the aesthetics of the materials, where appropriate, matching grains and colours 3.5 Accurately and clearly mark flooring for cutting 3.6 Cut flooring to length and size for final laying ensuring minimum waste
4. Lay flooring	3.1 Follow instructions and sequence for laying and fixing 3.2 Lay appropriate underlay in accordance with manufacturer recommendations 3.3 Lay out flooring to meet directional sequence, pattern match, specification requirements, and to minimise waste and joins 3.4 Maximise the aesthetics of the materials, where appropriate, matching grains and colours 3.5 Accurately and clearly mark flooring for cutting 3.6 Cut flooring to length and size for final laying ensuring minimum waste

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
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

No equivalent unit.

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 MSFFL3101 Install bamboo 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 bamboo flooring to 3 complete rooms in accordance with job requirements making specific allowances for lateral expansion and contraction of the flooring product.
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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
- bamboo timber flooring:
 - 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
 - bamboo flooring products
 - installation adhesives, including polyvinyl alcohol (PVA), epoxies, 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, including basic wood working techniques
 - 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 requiring bamboo installation
 - bamboo flooring
 - equipment, tools and materials to complete tasks in the Performance Evidence, including safety and personal protective equipment
 - work orders
 - workplace procedures.
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Links

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