



Australian Government

MSFFL3085 Install battens or plywood in preparation for strip timber

Release: 1

MSFFL3085 Install battens or plywood in preparation for strip timber

Modification History

Release 1. Supersedes and is not equivalent to MSFFL3038 Install strip timber flooring onto battens and MSFFL3039 Install strip timber flooring onto plywood.

Application

This unit describes the skills and knowledge required to prepare for work, lay moisture membrane and cut and fix timber battens or plywood before installing strip timber. Battens or plywood may be over joists or a subfloor. Batten may be used to either raise a floor or correct the level of a floor.

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 sub-floor suitability for installation consistent with Australian Standards and manufacturer recommendations

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	1.4 Select moisture membrane, fixings, 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 condition 1.6 Plan sequence of work, including the starting point, to ensure efficiency and quality of installation
2. Lay moisture membrane	2.1 Follow instructions and sequence for laying and fixing 2.2 Remove or undercut skirting boards or cover trims, and store for re-fitting or send for machining in accordance with work requirements 2.3 Fix moisture proof membrane in accordance with manufacturer recommendations and Australian Standards.
3. Cut and fix timber battens or plywood in preparation for strip timber	3.1 Check timber to be installed against work order and acclimatise in accordance with manufacturer recommendations 3.2 Measure area to be covered and establish working lines and starting point 3.3 Organise timber battens or plywood and fixings and use in accordance with relevant safety management requirements 3.4 Accurately and clearly mark timber battens or plywood for cutting 3.5 Cut timber battens or plywood to length and size for final laying to provide appropriate size and shape ensuring minimum waste 3.6 Fix timber battens or plywood using methods and equipment that follows manufacturer recommendations 3.7 Adjust battens for levels based on job requirements
4. Complete housekeeping	4.1 Store and recycle unused materials in accordance with workplace procedures 4.2 Check, clean and store tools and equipment in accordance with workplace procedures 4.3 Clean work area and dispose of rubbish safely 4.4 Accurately complete required workplace documentation
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

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	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 not equivalent to MSFFL3038 Install strip timber flooring onto battens and MSFFL3039 Install strip timber flooring onto plywood.

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 MSFFL3085 Install battens or plywood in preparation for strip timber

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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 battens and plywood in accordance with job requirements:
 - 1 complete area using full thickness battens packed to achieve a level surface
 - scribing full battens down to thinner sizes to be installed fully supported over a subfloor
 - plywood mechanically fixed to a concrete sub-floor.

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
- installation of strip timber onto battens:
 - Australian Standards requirements
 - workplace safety system requirements
 - environmental protection and sustainability requirements
 - how to access manufacturer instructions
 - work flow
- types, characteristics, uses and limitations of timber installed on to battens, including:
 - strip tongue and groove floating floors
 - manufactured engineered flooring
 - nature of timber battens and what this means for installation (i.e. timber battens with a density less than or equal to 600 Kg/m³, greater than 600 Kg/m³)
 - benefits and limitations of batten subfloors
- types, characteristics, uses and limitations of strip timber flooring installed onto plywood underlay:
 - plywood underlay (including ISO Type 5 system for product reliability to AS/NZS 2269.0:2012 Plywood - Structural – Specifications)
 - characteristics and requirements of subfloor preparation
 - types, characteristics, uses and limitations of adhesives used in timber flooring, including:

- elastomeric
- polyurethane
- polyvinyl alcohol (PVA)
- 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:
 - locations requiring strip timber flooring on battens
 - strip timber and battens
 - equipment, tools and materials to complete tasks in the Performance Evidence, including safety and personal protective equipment
 - workplace procedures.

Assessors must satisfy the NVR/AQTF mandatory competency requirements for assessors.

Links

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