

## MSFFL3119 Install timber battens and plywood in preparation to install strip timber

### Modification History

Release 1. Supersedes and is equivalent to MSFFL3085 Install battens or plywood in preparation for strip timber. Changes to application, elements and performance criteria to improve clarity and consistency across MSFFL units

### Application

This unit describes the skills and knowledge required to prepare for work, lay a moisture vapour barrier and cut and fix timber battens or plywood before installing strip timber, which is not included in this unit. Battens may be used to either raise a floor or correct the level of a floor. The unit does not address nailing strip timber flooring or installing direct stick timber flooring.

Workers with this competency undertake routine tasks on residential and nonresidential/commercial sites according to job instructions and workplace procedures using discretion, judgement and problem-solving to identify and resolve routine issues. They work with a high degree of self-direction under routine supervision, and they are responsible for their output.

The work described in this unit may require a licence or certification in some jurisdictions, and state or territory authorities should be consulted to determine the current status. Workers on construction sites are required by law to complete induction training. They must also comply with Australian Standards, codes and manufacturers' installation instructions.

### Prerequisite Unit

None

### Unit Sector

Flooring technology

### Elements and Performance Criteria

Workers with this competency can do the following.

Elements	Performance Criteria
1. Prepare to install timber battens and plywood	<p>1.1 Interpret timber batten and plywood installation requirements from job instructions and calculate the quantities of materials required</p> <p>1.2 Identify hazards relating to the work site, work practices, materials, tools and equipment, and check risk treatments are in place and operating</p> <p>1.3 Select and check all required tools and equipment are ready to use, and organise to fix any deficiencies according to workplace procedures</p> <p>1.4 Gather the moisture vapour barrier, timber battens or plywood, adhesives, trims and other materials required by job instructions, and check they meet quality requirements and are prepared and ready to install according to manufacturers' instructions</p>
2. Lay the moisture vapour barrier	<p>2.1 Confirm the subfloor is clean and suitable for installing the moisture vapour barrier and timber battens or plywood, and fix or report any deficiencies according to workplace procedures</p> <p>2.2 Remove or undercut door jambs, cover trims and other joinery, and store for refitting or send for machining according to job instructions</p>

Elements	Performance Criteria
	2.3 Fasten the moisture vapour barrier according to manufacturer's instructions.
3. Cut, fit and fasten timber battens and plywood	3.1 Establish the starting point and mark out working lines 3.2 Measure, mark and cut the timber battens or plywood according to job instructions to length and size, to minimise waste and joints, and to ensure an efficient, quality installation 3.3 Fasten the timber battens or plywood according to the manufacturer's instructions 3.4 Adjust battens for levels according to job instructions
4. Complete the task according to workplace procedures	3.1 Clean up the work area, identify items for recycling and dispose of waste 3.2 Identify, tag and report any damage to equipment and tools 3.3 Check, clean and do routine maintenance on equipment and tools and store them and unused materials 3.4 Complete task outcome 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 to equivalent to MSFFL3085 Install battens or plywood in preparation for strip timber.

## Links

Companion Volume implementation guides are found in VETNet – <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=0601ab95-583a-4e93-b2d4-cfb27b03ed73>

## Assessment Requirements

### Performance Evidence

There must be evidence the candidate has completed the tasks in the elements and performance criteria of this unit of competency and has demonstrated the ability to install according to job instructions:

- battens in one 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
- mechanically fix plywood to a concrete subfloor.

### Knowledge Evidence

There must be evidence the candidate has knowledge of:

- manufacturer's installation instructions for:
  - moisture vapour barrier
  - timber battens with a density greater than 600 Kg/m<sup>3</sup>
  - manufacturer's use instructions for adhesives including:
    - elastomeric
    - polyurethane
    - polyvinyl alcohol (PVA)

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- the safe and correct use of and maintenance requirements for tools and equipment for installing moisture vapour barrier, timber battens and plywood
- the most common issues that can arise when installing moisture vapour barrier, timber battens and plywood and how to avoid and respond to them
- workplace policies and procedures relevant to their job role and responsibilities including for:
  - installing moisture vapour barrier, timber battens and plywood
  - communication and reporting
  - environmental protection and sustainability, including maximising resource utilisation and minimising waste
  - quality indicators for completed work and process improvements
  - work health and safety, including the use of personal protective equipment and safety data sheets
  - work planning
  - how to identify if a subfloor is suitable for installing a moisture vapour barrier, timber battens and plywood
  - how to identify if a moisture vapour barrier, timber battens and plywood are installed correctly.

### 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 in which to install a moisture vapour barrier, timber battens and plywood before installing strip timber
- moisture vapour barrier, timber battens, plywood and other materials required by job instructions
- equipment and tools required for the activities set out in the elements and performance criteria, including those to control hazards
- job instructions and workplace procedures.

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

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