

## MSFFL3114 Install resilient tiles and planks

### Modification History

Release 1. Supersedes and is equivalent to MSFFL3065 Install resilient tiles. 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, set out, cut, lay and fix resilient tiles and planks in single and multiple connecting rooms using both single and multi-directional installation methods. It includes the installation of tiles and planks with specific design features such as patterns, motifs and logos.

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 resilient tiles and planks	1.1 Interpret resilient tile or plank installation requirements from job instructions and manufacturers' instructions and calculate the quantities of materials required 1.2 Identify hazards relating to the work site, work practices, materials, tools and equipment, and check risk treatments are in place and operating 1.3 Select and check all required tools and equipment are ready to use, and organise to fix any deficiencies according to workplace procedures 1.4 Gather the resilient tiles or planks, 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 1.5 Confirm the subfloor is clean and suitable for installing the resilient tiles or planks, and fix or report any deficiencies according to workplace procedures
2. Cut, fit and fasten resilient tiles and planks	2.1 Determine the set out and laying direction of the resilient tiles or planks according to job instructions to minimise waste and ensure an efficient, quality installation 2.2 Establish the starting point and mark out working lines 2.3 Measure, mark and cut the resilient tiles or planks as required 2.4 Apply adhesive to the subfloor according to the manufacturer's instructions and workplace procedures

Elements	Performance Criteria
	2.5 Install the resilient tiles or planks according to workplace procedures 2.6 Install finishing strips and finish installing the resilient tiles or planks according to workplace procedures 2.7 Check the resilient tiles or planks are installed correctly according to job instructions and quality requirements, and fix any deficiencies
3. 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 equivalent to MSFFL3065 Install resilient tiles.

### 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 complete according to job instructions:

- on a timber or concrete subfloor including cutting and fastening of the resilient tiles or planks:
- at least one resilient tile and/or plank installation of connecting rooms using multi-directional patterns
- at least one resilient tile and/or plank installation that includes a 45 degree set-out with borders
- at least one resilient tile and/or plank installation that includes a custom design or feature strips.

#### Knowledge Evidence

There must be evidence the candidate has knowledge of:

- manufacturer's installation instructions and Australian Standards for resilient tiles and planks, including:
  - homogenous and heterogeneous
  - linoleum
  - rigid
  - rubber
  - semi-rigid
- manufacturer's use instructions for adhesives for fastening resilient tiles and planks including:
  - double-sided tape
  - polyurethane contact adhesive
  - pressure sensitive and wet acrylic adhesive

- two-part epoxy
- water and solvent-based contact adhesive
- manufacturer's installation instructions for finishing strips
- the safe and correct use of and maintenance requirements for tools and equipment for installing resilient tiles and planks
- the most common issues that can arise when installing resilient tiles and planks and how to avoid and respond to them
- workplace policies and procedures relevant to their job role and responsibilities including for:
  - installing resilient tiles and planks
  - 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 prepared, clean and otherwise suitable for installing resilient tiles and planks
- how to identify if resilient tiles and planks have been 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 resilient tiles and planks
- resilient tiles and planks, adhesives, finishing strips 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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