

MSFFL3109 Install carpet tiles

Modification History

Release 1. Supersedes and is equivalent to MSFFL3059 Install carpet 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 fasten carpet tiles, including tiles with geometric design features (such as custom designs).

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 carpet tiles | 1.1 Interpret carpet tile 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 carpet tiles, 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 carpet tiles, and fix or report any deficiencies according to workplace procedures 1.7 For direct stick laying, apply appropriate primers to the subfloor |
| 2. Cut, fit and fasten carpet tiles | 2.1 Determine the set out and laying direction of the carpet tiles according to job instructions to minimise waste and joins, consider direction of the pile, patterns and design elements, and ensure an efficient, quality installation 2.2 Establish the starting point and mark out working lines 2.3 Apply adhesive to the subfloor according to the manufacturer's instructions and workplace procedures 2.4 Install the carpet tiles according to workplace procedures |

| Elements | Performance Criteria |
|--|---|
| | 2.5 Measure, mark, cut and install carpet tiles as required 2.7 Install finishing strips and finish installing the carpet tiles according to workplace procedures 2.8 Check the carpet tiles are installed correctly according to manufacturer's installation 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 MSFFL3059 Install carpet 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:

- at least three installations that include:
 - at least two full-spread installations
 - in any combination, every one of:
 - a pressure-sensitive adhesive installation
 - a low-adhesive adhesive installation
 - a hallway with multiple connecting rooms
 - a site link-up around a central core
 - a custom design requirement
 - multi-directional patterns or borders
 - the carpet — where the stairs have been adequately prepared — on:
 - a box step stairway with at least three steps
 - a kite winder treads stairway with at least three steps.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- manufacturer's installation instructions for carpet tiles including:
 - backed or un-backed

- fixed or un-fixed
- wool
- synthetic or combination of fibres
- pile
- needle-punch
- tufted
- fusion bonded and woven
- modular and square to one metre
- tile of various shapes and sizes, square tile, rectangular tile and other tile shapes (hexagonal, diamond)
- manufacturer's use instructions for adhesives for fastening carpet tiles including:
 - low adhesive
 - pressure sensitive and wet acrylic
 - water and solvent-based contact
- manufacturer's installation instructions for finishing strips
- the safe and correct use of and maintenance requirements for tools and equipment for installing carpet tiles
- the most common issues that can arise when installing carpet tiles and how to avoid and respond to them
- workplace policies and procedures relevant to their job role and responsibilities including for:
 - installing carpet tiles
 - 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 carpet tiles
- how to identify if carpet tiles 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 carpet tiles
 - carpet tiles, 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.

Links

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