

MSFFL3110 Install adhesive-fixed carpet

Modification History

Release 1. Supersedes and is equivalent to MSFFL3060 Install adhesive-fixed carpet. 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, lay out, cut, join fasten, trim and finish installing carpet by 'direct sticking' the carpet straight to the subfloor and "dual-bonding" the carpet and underlay to the subfloor. It includes the installation of adhesive-fixed carpet to noncomplex stairs.

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 adhesive-fixed carpet	<p>1.1 Interpret underlay and carpet installation requirements from job instructions and manufacturers' 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 underlay, carpet, 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> <p>1.5 Confirm the subfloor is clean and suitable for installing the carpet, and fix or report any deficiencies according to workplace procedures</p> <p>1.6 Apply primer to the subfloor according to the manufacturer's instructions</p>
2. Lay carpet using the direct-stick method	<p>2.1 Determine the set out and laying direction of the carpet according to job instructions to minimise waste and joins, consider the direction of the pile, and ensure an efficient, quality installation</p> <p>2.2 Establish the skirting point and seam placements for the carpet</p> <p>2.3 Lay out carpet pieces and measure, mark and check them for size, direction of the pile, pattern and match</p>

Elements	Performance Criteria
	<p>2.4 Fold back the carpet and apply adhesive to the subfloor according to the manufacturer's instructions and workplace procedures</p> <p>2.5 Position, stretch and fasten the carpet into the adhesive, and seal and join the carpet pieces, according to the manufacturers' instructions</p> <p>2.6 Trim off excess, install finishing strips and finish installing the carpet to meet quality requirements</p> <p>2.7 Check the carpet is installed correctly according to job instructions and quality requirements, and fix any deficiencies</p>
3. Lay carpet using the dual-bond method	<p>3.1 Confirm the subfloor is clean and suitable for installing the carpet, and fix or report any deficiencies according to workplace procedures</p> <p>3.2 Apply primer to the subfloor according to the manufacturer's instructions</p> <p>3.3 Establish the skirting point and seam placements for the underlay</p> <p>3.4 Lay out and trim the underlay according to job instructions</p> <p>3.5 Fold back the underlay and apply adhesive to the subfloor according to the manufacturer's instructions and workplace procedures</p> <p>3.6 Position and fasten the underlay into the adhesive and trim the underlay according to the manufacturer's instructions and job instructions</p> <p>3.7 Establish the skirting point and seam placements for the carpet</p> <p>3.8 Lay out the carpet pieces and measure, mark and check them for size, direction of the pile, pattern and match</p> <p>3.9 Fold back the carpet and apply adhesive to the underlay according to the manufacturer's instructions and workplace procedures</p> <p>3.10 Position, stretch and fasten the carpet into the adhesive, and seal and join the carpet pieces, according to the manufacturers' instructions</p> <p>3.11 Trim off excess carpet, install finishing strips and finish installing the carpet to meet quality requirements</p> <p>3.12 Check the carpet is installed correctly according to job instructions and quality requirements, and fix any deficiencies</p>
4 Complete the task according to workplace procedures	<p>4.1 Clean up the work area, identify items for recycling and dispose of waste</p> <p>4.2 Identify, tag and report any damage to equipment and tools</p> <p>4.3 Check, clean and do routine maintenance on equipment and tools and store them and unused materials</p> <p>4.4 Complete task outcome documentation</p>

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 MSFFL3060 Install adhesive-fixed carpet.

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:

- tufted or woven carpet using the direct stick method to connecting rooms at least once, including at least one cross join and one seam join
- tufted or woven carpet on adhesive fixed underlay using the dual-bond carpet method to connecting rooms at least once, including at least one cross join, one seam join using heat bond tape and one box step
- 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
 - a bullnose step.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- manufacturer's installation and use instructions for:
 - tufted carpet
 - fusion-bonded carpet
 - woven carpet
 - needle-punched carpet
 - PVC-backed carpet
 - fibrous, bonded-foam and recycled-rubber underlays
 - plasticised and rubber resin acrylic adhesives
 - water and solvent-based adhesives
 - solvent-based contact adhesive
- the safe and correct use of and maintenance requirements for tools and equipment for installing adhesive-fixed carpet
- the most common issues that can arise when installing adhesive-fixed carpet and how to avoid and respond to them
- workplace policies and procedures relevant to their job role and responsibilities including for:
 - installing adhesive-fixed carpet
 - 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, safety data sheets and ventilation
 - work planning

- how to identify if a subfloor is suitable for installing adhesive-fixed carpet
- how to identify if adhesive-fixed carpet is 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 the adhesive-fixed carpet
- underlay, carpet, adhesives, trims 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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