

## MSFFL3127 Install synthetic textile floor coverings in sports facilities and outdoor spaces

### Modification History

Release 1. Supersedes and is equivalent to MSFFL3063 Install synthetic textile floor coverings to sports facilities and outdoor spaces. 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 install synthetic turf and needle-punch floor coverings in indoor and outdoor sporting facilities and outdoor spaces, including the preparation, cutting, laying out, joining, fixing and finishing of the synthetic textile floor covering material.

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 requires 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.

### Pre-requisite Unit

None

### 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 to install synthetic textile floor coverings	1.1 Interpret floor covering 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 floor coverings 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 synthetic textile floor coverings	2.1 Cut and lay required shock padding/underlay for the floor covering according to job instructions, manufacturers instructions and workplace procedures 2.2 Determine the set out and laying direction of the floor covering according to job instructions to minimise waste and joins, consider the direction of the pile and ensure an efficient, quality installation

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	2.3 Establish the skirting point and seam placements for the floor covering
	2.4 Lay out the floor covering pieces and check them for size, direction of pile and pattern match
	2.5 Measure, mark, cut, seal and join the floor covering pieces according to workplace procedures and manufacturers' instructions
	2.5 Position, stretch and fasten the floor covering according to workplace procedures
	2.6 Complete required line marking in accordance with specification
	2.7 Fit the floor covering to finishing strips, trim excess floor covering to walls and finish installing the floor covering according to workplace procedures
	2.8 Check the floor covering is 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

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## 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 MSFFL3063 Install synthetic textile floor coverings to sports facilities and outdoor spaces.

## Links

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

## Assessment Requirements

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### 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 two installations of synthetic textile floor coverings — where the subfloor has been adequately prepared — including:
  - 1 synthetic turf grass to an outdoor installation or recreational or sports area
  - 1 synthetic needle-punch to an indoor installation or recreational or sports area
- 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:
- bonded foam, latex foam, rubber and styrene-butadiene rubber (SBR) underlay and/or shock pads
- synthetic textile floor coverings, including needle punch carpet, PVC-backed carpet, rubber-backed carpet and unfilled, sand-filled and rubber-filled synthetic turf
- adhesives including plasticised and rubber resin acrylic adhesive, solvent-based outdoor / grass adhesive, two-part polyurethane and water, solvent-based and solvent-free adhesives
- the safe and correct use of and maintenance requirements for tools and equipment for installing synthetic textile floor covering
- the safe and correct handling of heavy synthetic textile floor covering loads
- the most common issues that can arise when installing synthetic textile floor coverings and how to avoid and respond to them
- workplace policies and procedures relevant to their job role and responsibilities including for:
  - installing synthetic textile floor coverings
  - 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 synthetic textile floor coverings
  - how to identify if synthetic textile floor coverings 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 synthetic textile floor coverings
- synthetic floor covering
- 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.

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