



Australian Government

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

Release: 1

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

Modification History

Release 1. Supersedes and is equivalent to MSFFL3010 Install synthetic textile floor coverings to sports facilities.

Application

This unit describes the skills and knowledge required to install synthetic synthetic turf and needle- punch floor coverings to 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.

This unit applies to flooring technicians installing coverings in accordance with pre-determined work orders.

Licensing, legislative or certification requirements may apply to this unit and relevant state/territory and local government agencies should be consulted to determine any necessary certification or licensing for undertaking flooring work. Industry standards and codes of practice within Australia must also be applied. Access to construction sites requires certification of general induction training specified by the National Code of Practice for Induction for Construction Work (ASCC 2007).

Pre-requisite Unit

N/A

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 for installation	1.1 Identify and follow work health and safety, legislative and organisational requirements 1.2 Read documentation and identify work requirements and process 1.3 Select and check tools, equipment and materials for suitability, serviceability and safety prior to use 1.4 Confirm sub-floor suitability for installation consistent with

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	Australian Standards and manufacturer recommendations 1.5 Select suitable adhesives, trims and accessories in accordance with work requirements 1.6 Plan sequence of work, including the starting point, to ensure efficiency and quality of installation
2. Set out materials	2.1 Check synthetic floor covering material to be installed against work order and acclimatise in accordance with manufacturer recommendations 2.2 Cut and lay required shock padding / underlays for synthetic turf floor coverings to specification 2.3 Establish working lines and starting point 2.4 Prepare adhesives and edge strips for use in accordance with job requirements
3. Lay floor covering	3.1 Identify and follow instructions and sequence for laying and fixing 3.2 Organise and use materials for fixing in accordance with safety management requirements 3.3 Lay out synthetic floor coverings to meet pattern and specification requirements and to minimise waste and joins 3.4 Accurately and clearly mark synthetic floor coverings for cutting 3.5 Cut synthetic floor coverings to length and cut joins in preparation for final laying 3.6 Join synthetic floor coverings using adhesive and seam tape to in accordance with manufacturer instructions 3.7 Complete required line marking in accordance with specification 3.8 Fit and finish cover trims to required standards 3.9 Check completed installation for flaws in installation and rectify materials and faults
4. Complete housekeeping	4.1 Store and recycle unused materials in accordance with workplace procedures 4.2 Check, clean and store tools and equipment in accordance with workplace procedures 4.3 Clean work area and dispose of rubbish safely 4.4 Accurately complete required workplace 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 MSFFL3010 Install synthetic textile floor coverings to sports facilities.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=0601ab95-583a-4e93-b2d4-cfb27b03ed73>

Assessment Requirements for MSFFL3063 Install synthetic textile floor coverings to sports facilities and outdoor spaces

Modification History

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Performance Evidence

There must be evidence the candidate has completed the tasks outlined in the elements and performance criteria of this unit, and:

- installed the following in accordance with job requirements:
 - 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.
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Knowledge Evidence

There must be evidence the candidate has knowledge of:

- mathematical procedures for estimation and measurement, including calculation of area and estimation of material requirements
- synthetic floor covering installation in sport and outdoor spaces:
 - Australian Standards requirements
 - workplace safety system requirements
 - how to access manufacturer instructions
 - environmental protection and sustainability requirements
 - work flow
 - types of installation locations
 - characteristics and requirements of sub-floor preparation
 - types, characteristics, uses and limitations of:
 - synthetic textile and other floor coverings used in indoor and outdoor spaces and sporting facilities:
 - needle punch carpet
 - PVC-backed carpet
 - rubber-backed carpet
 - synthetic turf:
 - unfilled
 - sand filled
 - rubber filled
 - installation adhesives and their uses:

- plasticised and rubber resin acrylic
- solvent-based outdoor / grass adhesive
- two-part polyurethane
- water, solvent-based and solvent-free adhesives
- underlay and/or shock pads:
 - bonded foam
 - latex foam
 - rubber
 - styrene-butadiene rubber (SBR)
- other materials, including finishing trims, angles and joining tapes
- types, characteristics, safe use, maintenance and limitations of tools and equipment used during installation
- quality indicators for completed work
- procedures for the recording, reporting and maintenance of workplace records and information.
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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 requiring synthetic floor covering installation
 - synthetic floor covering
 - equipment, tools and materials to complete tasks in the Performance Evidence, including safety and personal protective equipment
 - work orders
 - workplace procedures.

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