



Australian Government

MSFFL3071 Install anti-static and conductive resilient floor coverings

Release: 1

MSFFL3071 Install anti-static and conductive resilient floor coverings

Modification History

Release 1. Supersedes and is not equivalent to MSFFL3019 Install anti-static resilient floor coverings, and, MSFFL3020 Install conductive resilient floor coverings.

Application

This unit describes the skills and knowledge required to prepare, cut, lay and fix anti-static and conductive resilient floor coverings using specialised techniques in residential or commercial properties.

This unit applies to flooring technicians installing floor 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 1.3 Confirm subfloor suitability for installation consistent with Australian Standards and manufacturer recommendations 1.4 Select adhesives, trims and accessories based on job requirements 1.5 Select and check tools, equipment and materials for suitability,

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	serviceability and safety prior to use 1.6 Plan sequence of work, including the starting point, to ensure efficiency and quality of installation 1.7 Check floor covering against order and acclimatise in accordance with manufacturer recommendations
2. Set out materials	2.1 Identify and follow instructions and sequence for laying and fixing 2.2 Organise floor coverings and use in accordance with safety management requirements 2.3 Establish working lines and starting point.
3. Lay and fix resilient flooring	3.1 Lay out floor coverings to meet directional sequence, pattern match, specification requirements, minimising waste and joins 3.2 Accurately and clearly mark flooring materials for cutting 3.3 Cut flooring materials to required shape ensuring minimum waste 3.4 Prepare adhesives and edge strips and/or accessories for use 3.5 Lay floor covering and fix to meet job specifications 3.6 Check completed installation for flaws in installation and materials and rectify faults following workplace procedures.
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

No equivalent unit.

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 MSFFL3071 Install anti-static and conductive resilient floor coverings

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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:

- completed the following installations in accordance with job requirements:
 - 1 anti-static resilient floor installation using a conductive acrylic adhesive system
 - 1 installation of a static conductive resilient floor covering with an isolating layer and using conductive adhesive and earthing strip.
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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
- anti-static and conductive resilient floor covering installation:
 - Australian Standards requirements
 - workplace safety system requirements
 - environmental protection and sustainability requirements
 - how to access manufacturer instructions
 - work flow
 - characteristics and requirements of subfloor preparation
- types, characteristics, uses and limitations of:
 - anti-static and resilient flooring with a resistance rating from 10⁸ to 10¹⁰ ohms
 - static conductive covering with a resistance reading of 10⁴ to 10⁸ using a copper grid and isolating layer
- types, characteristics, safe use, maintenance and limitations of tools and equipment
- types, characteristics, uses and limitations of:
 - adhesives including acrylic, conductive acrylic
 - copper earthing strips
 - tapes
 - trims and accessories
 - techniques for set out, laying, cutting and fixing, the types of problems that may occur and how to avoid and respond

- 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 installation of anti-static and conductive resilient floor coverings
 - anti-static and conductive resilient floor coverings
 - equipment, tools and materials to complete tasks in the Performance Evidence, including safety and personal protective equipment
 - work orders
 - workplace procedures.

Assessors must satisfy the NVR/AQTF mandatory competency requirements for assessors.

Links

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