



Australian Government

MSFFL3067 Complete large scale and complex vinyl flooring installations

Release: 1

MSFFL3067 Complete large scale and complex vinyl flooring installations

Modification History

Release 1. Supersedes and is not equivalent to MSFFL3013 Install commercial vinyl floor coverings, and, MSFFL3021 Cut and install resilient floor coverings.

Application

This unit describes the skills and knowledge required to prepare, cut, weld, layout and fix resilient floor covering to large and potentially complex areas such as stairs, stringers and steps.

This unit applies to flooring technicians installing resilient flooring 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 Confirm subfloor suitability for installation consistent with Australian Standards and manufacturer recommendations 1.3 Measure areas and calculate the required amount of floor covering 1.4 Check required underlay or underlayment against specified type and fitting or application requirements

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	1.5 Select adhesives, trims and accessories based on job requirements 1.6 Select and check tools, equipment and materials for suitability, serviceability and safety prior to use 1.7 Plan sequence of work, including the starting point, to ensure efficiency and quality of installation 1.8 Check resilient floor coverings against work order and acclimatise in accordance with manufacturer recommendations
2. Set out materials	2.1 Organise and use resilient floor coverings for fixing in accordance with safety management requirements 2.2 Establish working lines and starting point 2.3 Cut and fit any required pre-form fillet in accordance with specifications
3. Lay resilient floor coverings	3.1 Follow instructions and sequence for laying and fixing 3.2 Lay out resilient floor coverings to meet directional sequence, pattern match and specifications, minimising waste and joins 3.3 Cut patterns and use to accurately and clearly mark resilient floor covering for cutting 3.4 Cut resilient floor coverings to required pattern and shape with minimum waste of materials 3.5 Select seam and join welding and fixing methods, equipment and materials and use in accordance with safety requirements and manufacturer instructions 3.6 Set out and install resilient skirting, reducer and edge strips in accordance with job requirements 3.7 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 MSFFL3067 Complete large scale and complex vinyl flooring installations

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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:

- performed at least 4 resilient floor installations – 2 using heterogeneous sheet vinyl and 2 using homogeneous sheet vinyl, that cover all of the following at least once, in any combination:
 - all of the following installation types:
 - cove installation
 - flat installation
 - stair installations with a metal stair nosing
 - all of the following characteristics:
 - pencil cove
 - cove fillet
 - border cove
 - internal and external mitred corners
 - more than two widths of vinyl
 - hallway or passage with connecting room
 - all of the following techniques:
 - trimming selvages
 - bar scribing
 - direct scribing
 - template scribing
 - under scribing
 - pattern matching
 - heat weld joins.
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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

- resilient floor covering installation:
 - Australian Standards requirements
 - environmental protection and sustainability requirements
 - workplace safety system requirements
 - how to access manufacturer instructions
 - work flow
 - types and characteristics of large commercial areas
 - types and characteristics of different types of stairs, including:
 - box steps
 - bullnose steps
 - circular
 - kit winder treads
 - open newell
 - open tread
 - recessed steps
 - types and characteristics, uses and limitations of different resilient floor coverings:
 - homogenous and heterogeneous
 - linoleum sheet
 - encapsulated glass fibre
 - rubber sheet
 - characteristics and requirements of subfloor preparation:
 - concrete
 - timber
 - types, characteristics, uses and limitations of different adhesives, including:
 - waterbased acrylic
 - two-part epoxy
 - two-part polyurethane
 - single pack polyurethane
 - water-based and solvent-based contact adhesive
 - types, characteristics, safe use, maintenance and limitations of tools, equipment and materials
 - techniques for set out, laying, cutting, welding and fixing, the types of problems that may occur and how to avoid and respond, including:
 - cold chemical welding
 - heat welding
 - scribing – direct and template
 - seam preparation
 - quality indicators for completed work
- procedures for the recording, reporting and maintenance of workplace records and information.

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:
 - areas to be covered as per Performance Evidence
 - 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.

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