



**Australian Government**

# **MSFFL3115 Install commercial sheet vinyl flooring**

**Release: 1**

# MSFFL3115 Install commercial sheet vinyl flooring

## Modification History

Release 1. Supersedes and is equivalent to MSFFL3067 Complete large scale and complex vinyl flooring installations. Changes to title, application, elements and performance criteria to improve clarity and consistency across MSFFL units. Changes to assessment requirements.

## Application

This unit describes the skills and knowledge required to prepare, cut, weld, lay out and fasten vinyl (heterogeneous and homogenous) sheet flooring to large areas including complex areas (such as wet areas, stairs, stringers and steps).

Workers with this competency undertake routine tasks on residential and non-residential/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 relevant legislation, regulations, Australian Standards, codes and manufacturer installation instructions.

## Unit Sector

Flooring technology

## Elements and Performance Criteria

| Elements                                   | Performance Criteria                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|--------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Elements describe the essential outcomes.  | Performance criteria describe the performance needed to demonstrate achievement of the element.                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 1. Prepare to install vinyl sheet flooring | <p>1.1 Interpret vinyl sheet flooring installation requirements from job and manufacturer 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 the vinyl sheet flooring, adhesives and finishing, joining and</p> |

| Elements                                               | Performance Criteria                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|--------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
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|                                                        | <p>other materials required by job instructions, and check they meet quality requirements and are prepared and ready to use or install according to the manufacturer instructions, product labels, safety data sheets and workplace procedures</p> <p>1.5 Confirm the subfloor is clean and suitable for installing the vinyl sheet flooring, and fix or report any deficiencies according to workplace procedures</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 2. Cut, fit and fasten vinyl sheet flooring            | <p>2.1 Determine the set out and laying direction of the vinyl sheet according to job instructions to minimise waste and joins, consider the direction of patterns and design elements, and ensure an efficient, quality installation</p> <p>2.2 Establish the starting point and mark out working lines</p> <p>2.3 Cut and fasten any required pre-form fillet according to job instructions</p> <p>2.4 Lay out the vinyl sheets and check them for size, direction of grain, and sheet and pattern match</p> <p>2.5 Measure, mark and cut the vinyl sheets as required</p> <p>2.6 Fold back the vinyl sheet flooring and apply adhesive to the subfloor according to the manufacturer instructions, product labels, safety data sheets and workplace procedures</p> <p>2.7 Position and fasten the vinyl sheet flooring into adhesive according to workplace procedures</p> <p>2.8 Weld vinyl sheets' seams and joins according to the manufacturer instructions</p> <p>2.9 Finish installing the vinyl sheet flooring and install skirting, reducer and edge strips to meet quality requirements</p> <p>2.10 Check the vinyl sheet flooring is installed correctly according to job instructions and quality requirements, and fix any deficiencies</p> |
| 3. Complete the task according to workplace procedures | <p>3.1 Clean up the work area, identify items for recycling and dispose of waste</p> <p>3.2 Identify, tag and report any damage to equipment and tools</p> <p>3.3 Check, clean and do routine maintenance on equipment and tools and store them and unused materials</p> <p>3.4 Complete task outcome documentation</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

## Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance but not explicit in the performance criteria.

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

## Unit Mapping Information

Supersedes and is equivalent to MSFFL3067 Complete large scale and complex vinyl flooring installations.

## 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 MSFFL3115 Install commercial sheet vinyl flooring

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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 four vinyl sheet flooring installations — two using heterogeneous vinyl sheet and two using homogeneous vinyl sheet — that cover 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 the following techniques:
    - trimming selvages
    - bar scribing
    - direct scribing
    - template scribing
    - under scribing
    - pattern matching
    - heat weld joins
    - cold (chemical) weld joins.
  -

## Knowledge Evidence

There must be evidence the candidate has knowledge of:

- the characteristics of box and recessed steps
- manufacturer installation instructions and the relevant Australian standards for vinyl sheet flooring including:
  - homogenous vinyl sheet
  - heterogeneous vinyl sheet (including encapsulated glass fibre)
- manufacturer use instructions for adhesives for fastening vinyl sheet flooring including:
  - water-based acrylic
  - two-part epoxy
  - two-part polyurethane
  - single pack polyurethane
  - water-based and solvent-based contact adhesive
- the safe and correct use of, and maintenance requirements for tools and equipment for, installing vinyl sheet flooring
- the most common issues that can arise when installing vinyl sheet flooring and how to avoid and respond to them
- workplace policies and procedures relevant to their job role and responsibilities including for:
  - installing vinyl sheet flooring
  - 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 vinyl sheet flooring
- how to identify if vinyl sheet flooring is installed correctly.
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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 in which to install vinyl sheet flooring
  - vinyl sheet flooring, adhesives and finishing, joining 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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