



**Australian Government**

# **MSFFL2032 Select, prepare and apply moisture barriers to concrete subfloors**

**Release: 1**

# MSFFL2032 Select, prepare and apply moisture barriers to concrete subfloors

## Modification History

Release 1. Supersedes and is not equivalent to MSFFL2009 Select, prepare and apply moisture barriers and damp-proof membranes to concrete sub-floors.

## Application

This unit describes the skills and knowledge required to apply moisture barriers in readiness for the installation of floor coverings and coatings.

This unit applies to flooring technicians preparing floors 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 work                              | 1.1 Identify and follow work health and safety, legislative and organisational requirements<br>1.2 Read documentation and identify work requirements and process<br>1.3 Inspect subfloors in accordance with Australian Standards and identify treatment system<br>1.4 Select and check tools, equipment and materials for suitability, serviceability and safety prior to use |

| 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 Access safety data sheets (SDS), or equivalent, and apply to work<br>1.6 Prepare materials and equipment and safely position for use<br>1.7 Prepare surfaces in accordance with manufacturer recommendations                                                                                                                                                                                                                                                                                                                                                   |
| 2. Apply moisture suppressant                    | 2.1 Apply surface coating to required depth and coverage in accordance with manufacturer specifications and job requirements<br>2.2 Check subfloor is clear for application of moisture barrier in accordance with requirements                                                                                                                                                                                                                                                                                                                                    |
| 3. Apply moisture barrier                        | 3.1 Establish moisture type as hydrostatic pressure, capillary moisture, or new concrete with high moisture content<br>3.2 Establish moisture content as reducing, construction moisture or a result of damaged membrane or capillary action<br>3.3 Strengthen all corners, cracks and other penetrations in accordance with manufacturer instructions<br>3.4 Lay barrier material with required number of coats in accordance with manufacturer instructions<br>3.5 Check subfloor for compliance with quality requirements and identify and rectify deficiencies |
| 4. Complete housekeeping                         | 4.1 Store or recycle unused materials in accordance with workplace procedures<br>4.2 Clean remains of compounds used and dispose of appropriately<br>4.3 Check, clean and store tools and equipment in accordance with workplace procedures<br>4.4 Clean work area, remove waste material and dispose of safely<br>4.5 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>