



**Australian Government**

# **MSFFL2006 Prepare, select and apply smoothing and patching compounds**

**Release: 1**

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## Modification History

Release 1 - New unit of competency

## Application

This unit of competency covers preparing, selecting and applying cementitious products using smoothing and skim coating techniques to concrete and timber sub-floors in readiness for the installation of floor coverings and coatings for internal and external applications.

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. 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

## Competency Field

## Unit Sector

Flooring technology

## Elements and Performance Criteria

Elements describe the essential outcomes.

Performance criteria describe the performance needed to demonstrate achievement of the element.

- |   |                  |     |   |
|---|------------------|-----|---|
| 1 | Prepare for work | 1.1 | Applicable work health and safety (WHS), legislative and organisational requirements relevant to selecting and applying smoothing and patching compounds for sub-floor preparation are verified and complied with |
|   |                  | 1.2 | Instructions and/or plans are read and interpreted to identify the process required to complete work tasks  |
|   |                  | 1.3 | Floors are inspected to ensure that they are dry, smooth, plane, sound and clean in accordance with Australian Standards, and the extent of preparation is confirmed  |

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|---|--|-----|---|
|   |  | 1.4 | Trial applications of surface materials are made to determine the suitability of the primer to the sub-floor, and the appropriateness of the smoothing compound to smoothing requirements and compatibility to the primer and sub-floor application |
|   |  | 1.5 | Tools, equipment and materials are selected and checked prior to use to ensure that they are appropriate for the work, serviceable and in a safe condition  |
|   |  | 1.6 | Material safety data sheets (MSDS), or equivalent, are read and applied during the work   |
|   |  | 1.7 | Materials and equipment are prepared and positioned for use   |
|   |  | 1.8 | Surfaces are cleaned in accordance with manufacturer recommendations  |
| 2 | Apply levelling compounds and primers                      | 2.1 | Surface coating is applied with the depth and coverage in accordance with manufacturer specifications and job requirements  |
|   |  | 2.2 | Levelled floor is checked and cleared for further processing  |
| 3 | Apply levelling compounds and primers to timber sub-floors | 3.1 | Surfaces are checked for contamination, moisture content and suitable preparation   |
|   |  | 3.2 | MSDS, or equivalent, are read and applied during the work   |
|   |  | 3.3 | A mixing station is established where materials and equipment are prepared and positioned for use   |
|   |  | 3.4 | Trial applications of surface materials are made to check equipment operation, materials consistency and specified surface finish   |
|   |  | 3.5 | Levelled floor is checked and cleared for further processing  |
| 4 | Complete housekeeping                                      | 4.1 | Unused materials are stored or recycled as required   |
|   |  | 4.2 | Tools and equipment are cleaned and stored appropriately  |
|   |  | 4.3 | Work area is cleaned and rubbish disposed of appropriately  |

#### 4.4 Workplace documentation is completed

## Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency. Detail on appropriate performance levels for each furnishing unit of competency in reading, writing, oral communication and numeracy utilising the Australian Core Skills Framework (ACSF) are provided in the Furnishing Training Package Implementation Guide.

## Range of Conditions

Specifies different work environments and conditions that may affect performance. Essential operating conditions that may be present (depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts) are included. Range is restricted to essential operating conditions and any other variables essential to the work environment.

- Unit context includes:**
- WHS requirements, including legislation, building codes, material safety management systems, hazardous and dangerous goods codes, and local safe operating procedures or equivalent
  - work is carried out in accordance with legislative obligations, environmental legislation, relevant health regulations, manual handling procedures and organisation insurance requirements
  - work requires individual to demonstrate some discretion, judgement and problem solving
- Surface materials include:**
- compounds used to repair, level, smooth or skim a sub-floor of timber or concrete
- Tools and equipment include:**
- finishing trowel
  - grouping and batching buckets
  - mixing palette
  - hair broom
  - trolley
  - plastic sheeting
  - mixing drill
  - screed bar
- Australian Standards include:**
- AS/NZS 2455.1:2007 Textile floor coverings - Installation practice – General
  - AS 1884-2012 Floor coverings - Resilient sheet and tiles - Installation practices
- Personal protective equipment includes:**
- that prescribed under legislation, regulations and enterprise policies and practices
- Information and**
- workplace procedures relating to the use of tools and

**procedures include:**

- equipment
- work instructions, including job sheets, cutting lists, plans, drawings and designs
- workplace procedures relating to reporting and communication
- manufacturer specifications and operational procedures

## Unit Mapping Information

Supersedes and is equivalent to LMFFL2102A Prepare, select and apply smoothing and patching compounds

## Links

Companion Volume implementation guides are found in VETNet -  
<https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=0601ab95-583a-4e93-b2d4-cfb27b03ed73>