



**Australian Government**

# **Assessment Requirements for MSFFL2034 Prepare subfloors with cementitious coating applications**

**Release: 1**

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## **Modification History**

Release 1. Supersedes and is not equivalent to MSFFL2006 Prepare, select and apply smoothing and patching compounds, and, MSFFL2007 Select and apply appropriate compounds and additives.

## **Performance Evidence**

There must be evidence the candidate has completed the tasks outlined in the elements and performance criteria of this unit, and:

- achieved the required substrate finish with each of the following on both timber and concrete subfloors:
  - level coat to 3mm thickness
  - primer
  - rapid set mortar patch or ramp
  - skim coat.
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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
- characteristics and requirements of concrete and timber subfloor preparation
- characteristics and requirements of concrete and fibre board wall preparation
- application of compounds and additives:
  - workplace safety system requirements
  - environmental protection and sustainability requirements
  - how to access manufacturer instructions
- types, characteristics, uses and limitations of compounds and additives, including:
  - porous substrate primer
  - non-porous substrate primer
  - substrate moisture barrier and green slab primer
  - fibre
  - high polymer cement-based finishes
  - latex powder and emulsion based subfloor smoothing compounds
  - levelling and smoothing compounds and primers
  - pumpable cement base floor leveller

- rapid setting and drying repair mortar
- self-smoothing and/or levelling cements
- synthetic resin dispersion
- two part, chemically cured epoxy coating for porous concrete floors
- graded aggregate for bulking
- kiln dry sand for priming and bulking
- types, characteristics, safe use, maintenance and limitations of tools, equipment and materials
- techniques for the application of compounds and additives, the types of problems that may occur, and how to avoid and respond
- quality indicators for subfloor surface finishes
- 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:
  - subfloors requiring application of compounds and additives
  - compounds and additives
  - equipment, tools and materials to complete tasks in the Performance Evidence
  - work orders
  - workplace procedures.

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

## Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=0601ab95-583a-4e93-b2d4-cfb27b03ed73>