



Australian Government

# **Assessment Requirements for MSFFL3077 Prepare subfloors for resin flooring systems**

Release: 1

---

# Assessment Requirements for MSFFL3077 Prepare subfloors for resin flooring systems

## Modification History

Release 1. New unit.

## Performance Evidence

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

- completed the following:
  - 2 patch repairs – patch chipped concrete and static crack repairs to feather edge
  - 2 floor levelling repairs – ramp at door transition and falls to drain
  - 2 in-fills – rebuild expansion joint and install a floor waste
  - 2 crack repairs – chase out, overfill, grind back and infill, sawcut and caulk sealant
  - 2 coves – install arrowhead coving system and smooth edge cove
  - 1 primer to strengthen weak or porous substrate.
  -

## Knowledge Evidence

There must be evidence the candidate has knowledge of:

- key aspects of state or territory legislation, regulations, standards and codes of practice, including individual technician rights and obligations relating to:
  - workplace health and safety
  - consumer law
  - environmental protection and sustainable use of materials
- how to access supplier instructions
- mathematical procedures for estimation and measurement, including calculation of area, volumes and use of ratios for mixing
- types, uses and limitations of tools and equipment used in substrate repair
- characteristics and requirements of suitable subfloor preparation, including different methods and products used to profile, repair, prime and clean
- the features and layout of an effective mixing area
- taping techniques to protect surfaces that aren't to be coated, including walls, edges, transitions and boundaries on the floor
- personal protective equipment (PPE) and correct usage
- techniques for the following, the types of problems that may occur and how to avoid and respond:
  - measuring out and mixing substrate repair systems, including pigment, fillers and/or aggregate and stir-in additives

- applying floor levelers, including brushing, rolling, raking and troweling
- identifying when and how to apply a suitable resin primer to strengthen up a weak or porous substrate
- applying in-fills, including brushing, trowelling and finishing
- applying dynamic crack repair systems, including concrete cutting, trowelling and caulking
- applying joint repair systems, including concrete cutting, jackhammering, trowelling and caulking
- applying coving, including brushing, trowelling, coving and finishing
- quality indicators for repaired substrate
- cleaning and storage procedures for PPE, tools, equipment and unused materials
- disposal procedures for waste materials
- requirements and protocols for recording, reporting and maintaining 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:
  - subfloors requiring repairs as outlined in the Performance Evidence
  - work orders
  - tools and equipment to complete tasks in the Performance Evidence, including safety and personal protective equipment
  - workplace procedures.

The assessor must directly observe each type of repair being made on at least one occasion.

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>