

## MSFFL3125 Mix and apply thin-set terrazzo

### Modification History

Release 1. New unit.

### Application

This unit describes the skills and knowledge required to mix and apply thin-set terrazzo.

Workers with this competency undertake routine tasks on residential and nonresidential/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 Australian Standards, codes and manufacturers' installation instructions.

### Unit Sector

Flooring technology

### Elements and Performance Criteria

Workers with this competency can do the following.

Elements	Performance Criteria
1. Prepare to mix and apply thin-set terrazzo	1.1 Interpret terrazzo application requirements from job instructions and manufacturers' instructions and calculate the quantities of materials required 1.2 Identify hazards relating to the work site, work practices, materials, tools and equipment, and check risk treatments are in place and operating 1.3 Select and check terrazzo mixing and installation and other required equipment and tools are ready to use, and organise to fix any deficiencies according to workplace procedures 1.4 Gather the terrazzo materials and other materials required by job instructions, and check they meet quality requirements and are ready to use according to manufacturers' instructions
2. Mix, apply and finish off the thin-set terrazzo	2.1 Establish a suitable mixing area and protect surrounding surfaces 2.2 Check and confirm the substrate is free of cracks, flat, primed, clean and otherwise prepared and suitable for installing terrazzo 2.3 Check the substrate's moisture content is suitable for installing thin-set terrazzo according to manufacturer's instructions 2.4 Place floor divider strips for aesthetic purposes and for control and expansion joints, according to job instructions 2.5 Mix the terrazzo base and other ingredients as required 2.6 Spread and trowel the terrazzo mix to the appropriate thickness, according to job instructions, workplace procedures and manufacturers' instructions 2.7 Allow the surface to cure, then grind, grout, polish and seal the surface according to workplace procedures and manufacturer's instructions

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3. Complete the task according to workplace procedures	3.1 Clean up the work area, identify items for recycling and dispose of waste
	3.2 Identify, tag and report any damage to equipment and tools
	3.3 Check, clean and do routine maintenance on equipment and tools and store them and unused materials
	3.4 Complete task outcome documentation

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## 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>

## Assessment Requirements

### 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:

- mix, install, and finish thin-set terrazzo according to job instructions on at least two occasions, one of which includes a control joint.

### Knowledge Evidence

There must be evidence the candidate has knowledge of:

- manufacturer's instructions for mixing terrazzo materials
- the safe and correct use of and maintenance requirements for tools and equipment for mixing and installing thin-set terrazzo
- the most common issues that can arise when mixing and installing thin-set terrazzo and how to avoid and respond to them
- workplace policies and procedures relevant to their job role and responsibilities including for:
  - mixing and installing thin-set terrazzo
  - 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 substrate is suitable for installing thin-set terrazzo
  - how to identify if thin-set terrazzo is installed correctly.

## 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 with prepared substrates in which to apply thin-set terrazzo
- 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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