



Australian Government

MSFFL3125 Mix and apply thin-set terrazzo

Release: 1

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 non-residential/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 relevant legislation, regulations, Australian Standards, codes and manufacturer installation instructions.

Competency Field

Flooring technology

Elements and Performance Criteria

Elements	Performance Criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
1. Prepare to mix and apply thin-set terrazzo	1.1 Interpret terrazzo application requirements from job and manufacturer 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, 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 the manufacturer instructions, product labels, safety data sheets and workplace procedures

Elements	Performance Criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
2. Mix, apply and finish off 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 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 according to the manufacturer instructions, product labels, safety data sheets and workplace procedures 2.6 Spread and trowel the terrazzo mix to the appropriate thickness, according to workplace procedures and manufacturer instructions 2.7 After the surface has cured, grind, grout, polish and seal the surface according to workplace procedures and manufacturer instructions
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

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance but not explicit in the performance criteria.

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 for MSFFL3125 Mix and apply thin-set terrazzo

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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 according to job instructions thin-set terrazzo on at least two occasions, with at least one occasion to include a control joint.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- manufacturer 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.
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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:
 - locations with prepared substrates in which to apply thin-set terrazzo

- terrazzo materials, floor divider strips and other materials required by job instructions
- 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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