



Australian Government

MSFFL3075 Mix and apply trowel-applied resin flooring systems

Release: 1

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Modification History

Release 1. New unit.

Application

This unit describes the skills and knowledge required to prepare and apply trowel-applied flooring systems.

This unit applies to flooring technicians working in accordance with pre-determined work orders.

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 for Induction for Construction Work (ASCC 2007).

Pre-requisite Unit

N/A

Unit Sector

Flooring technology

Elements and Performance Criteria

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Prepare for the work	1.1 Identify and follow work health and safety, legislative, and organisational requirements 1.2 Correctly interpret work orders and confirm job requirements 1.3 Select and check tools and equipment for suitability, serviceability and safety prior to use 1.4 Plan application with respect to specified film thickness and/or consumption, cutting in, boundaries, seams, joints and exit points
2. Prepare the substrate	2.1 Inspect condition of the mechanically prepared subfloor and confirm suitability for required finish consistent with supplier recommendations

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	2.2 Remove dust and debris from the substrate prior to application, and control sources
3. Set out work area	3.1 Establish mixing area in suitable area and select surface protection measures and apply to areas not being coated 3.2 Check coating materials for correct quantities, undamaged packaging and no obvious discrepancies in colour and viscosity 3.3 Select suitable masking tape and correctly apply to mark off edges, transitions and other floor boundaries
4. Prepare trowel-applied system	4.1 Correctly fit personal protective equipment (PPE) is before handling coating materials 4.2 Accurately measure component quantities and mix in accordance with supplier instructions
5. Apply trowel-applied system	5.1 Apply mixed primer in accordance with supplier application notes 5.2 Suitably prepare cured primer in readiness for trowel-applied application 5.3 Apply mixed mortar in accordance with supplier application notes 5.4 Check coating applications for quality at each stage and rectify any deficiencies
6. Complete housekeeping	6.1 Check, clean and store tools and equipment in accordance with workplace procedures 6.2 Seal and store unused coating materials in accordance with supplier instructions 6.3 Clean work area and dispose of rubbish safely 6.4 Accurately complete required workplace documentation

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>