



Australian Government

MSFFL3100 Apply densifiers and sealers to concrete surfaces

Release: 1

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Modification History

Release 1. Supersedes and is equivalent to MSFFL3049 Apply densifiers and sealers to concrete surfaces.

Application

This unit describes the skills and knowledge required to inspect and prepare concrete surfaces for polishing using densifying and sealing materials.

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. Industry standards and codes of practice within Australia must also be applied. Access to construction sites requires certification of general induction training specified by the National Code of Practice for Induction for Construction Work (ASCC 2007).

Pre-requisite Unit

Competency Field

Flooring technology

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 work	1.1 Read work documentation and identify job requirements and process 1.2 Identify and follow work health and safety, legislative and organisational requirements 1.3 Select materials based on job requirements, surface compatibility, manufacturer recommendations and client expectations 1.4 Select and check application tools, equipment and materials prior

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	to use for suitability, serviceability and safety 1.5 Inspect and confirm readiness of surface to be finished, and erect barrier signs to area 1.6 Measure area and accurately calculate material requirements 1.7 Plan work sequence to ensure efficiency and quality of application
2. Apply densifying or sealing system	2.1 Check ventilation before chemical fumes are released, and confirm all work health and safety and environmental protection requirements are met 2.2 Wet surface and apply materials in accordance with manufacturer recommendations 2.3 Observe recommended drying times between coats 2.4 Check applied material when dry against quality and job requirements and rectify deficiencies
3. Complete housekeeping	3.1 Store or recycle unused materials in accordance with workplace procedures 3.2 Check, clean and store tools and equipment in accordance with workplace procedures 3.3 Clean work area and remove waste and dispose of safely 3.4 Remove and store barriers and signs in accordance with workplace procedures 3.5 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

Supersedes and is equivalent to MSFFL3049 Apply densifiers and sealers to concrete surfaces

Links

Companion Volume implementation guides are found in VETNet -

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