



Australian Government

CPCCWF3001 Prepare surfaces for tiling application

Release: 2

CPCCWF3001 Prepare surfaces for tiling application

Modification History

- Release 2 Updated reference to general construction induction training program.
- Release 1 This version first released with CPC Construction, Plumbing and Services Training Package Release 5.0.
- Supersedes and equivalent to CPCCWF3001A Prepare surfaces for tiling application. Updated to meet the Standards for Training Packages 2012.

Application

This unit of competency specifies the skills and knowledge required to repair and prepare different substrates for wall and floor tiling applications.

The unit is suitable for those with basic skills and knowledge undertaking routine work tasks under the direction of more experienced workers.

Completion of the general construction induction training program specified by the model Code of Practice for Construction Work is required for any person who is to carry out construction work. Achievement of *CPCWHS1001 Prepare to work safely in the construction industry* meets this requirement.

Licensing, legislative or certification requirements apply to this unit in some states and territories and users are advised to check with the relevant regulatory authority.

Pre-requisite Unit

CPCCWHS2001 Apply WHS requirements, policies and procedures in the construction industry.

Unit Sector

Wall and floor tiling

Elements and Performance Criteria

Elements describe the essential outcomes.	Performance criteria describe what needs to be done to demonstrate achievement of the element.
1 Plan and prepare to prepare surfaces for tiling application.	1.1 Read and interpret task work instructions and plan sequence of work.
	1.2 Select and use personal protective equipment (PPE) as

required for each stage of the task.

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| | 1.3 | Plan all work to comply with laws and regulations, Australian Standards, work health and safety (WHS) and environmental requirements, manufacturers' specifications, workplace requirements, drawings and specifications. |
| | 1.4 | Inspect work site, assess hazards and apply risk controls, including required signage and barricades. |
| | 1.5 | Select tools and equipment, check for serviceability and report any faults. |
| | 1.6 | Select materials required for task, calculate quantities, handle safely and prepare and position ready for use. |
| 2 Prepare materials for preparing substrate. | 2.1 | Check tiling materials for product suitability to task, ensuring compatibility with surface material. |
| | 2.2 | Determine activities for material preparation. |
| | 2.3 | Carry out material preparation to satisfy the requirements of the application process. |
| 3 Prepare framed substrates. | 3.1 | Prepare and install underlay for tiling application. |
| | 3.2 | Finish substrate surface to approved surface standards with joints flush. |
| | 3.3 | Clean surfaces to remove all contaminants and loose material. |
| 4 Prepare cementitious and masonry substrate surface. | 4.1 | Determine substrate structure and clean surfaces to remove all contaminants and loose material. |
| | 4.2 | Control suction with the use of water and apply slurry and bonding agent if required. |
| | 4.3 | Measure and mix materials for screeding and/or rendering, ensuring that mortar is bonded to the substrate. |
| | 4.4 | Screed and/or render and finish mortar to float finish |

applying specified fall.

- 4.5 Protect the screeded and/or rendered area with signs and barricades to allow to dry and/or cure.

5 Clean up.

- 5.1 Clear work area and dispose of, reuse or recycle materials.
- 5.2 Clean, check, maintain and store plant, tools and equipment in accordance with manufacturers' recommendations.

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Unit Mapping Information

Supersedes and equivalent to CPCCWF3001A Prepare surfaces for tiling application.

Links

Companion volumes to this training package are available at the VETNet website - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=7e15fa6a-68b8-4097-b099-030a5569b1ad>

Assessment Requirements for CPCCWF3001 Prepare surfaces for tiling application

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Performance Evidence

To demonstrate competency, a candidate must satisfy all of the elements, performance criteria and foundation skills of this unit by preparing for tiling:

- 9 square metres of a framed bathroom wall and floor
- 9 square metres of a masonry bathroom wall and floor.

All work must be performed to the standard required in the workplace and comply with Commonwealth and state/territory laws and regulations, Australian Standards, work health and safety (WHS) and environmental requirements, manufacturers' specifications and workplace requirements.

Knowledge Evidence

To be competent in this unit, a candidate must demonstrate knowledge of:

- compliance requirements of Australian Standards for preparing surfaces for tiling
- workplace quality policies and standards for preparing surfaces for tiling
- safety requirements for preparing surfaces for tiling, including:
 - job safety analyses and/or safe work method statements in accordance with Safe Work Australia *Code of Practice for Construction Work* or state and/or territory equivalent
 - personal protective equipment (PPE)
- environmental requirements for preparing surfaces for tiling
- types and uses of materials storage and environmentally friendly waste management
- types and uses of tools and equipment for preparing surfaces for tiling
- processes for selection of compatible materials for preparing surfaces for tiling
- processes for the calculation of material requirements for preparing surfaces for tiling
- surface preparation materials and techniques for:
 - underlay material
 - substrate preparation

- substrate surface materials.

Assessment Conditions

Assessors must meet the requirements for assessors contained in the Standards for Registered Training Organisations.

This unit must be assessed in the workplace or a close simulation using realistic workplace conditions, materials, activities, responsibilities, procedures, safety requirements and environmental considerations.

Links

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