CPCCWF3003 Install wall tiles

Release: 1

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Modification History

Release 1   This version first released with CPC Construction, Plumbing and Services Training Package Release 5.0.

Supersedes and equivalent to CPCCWF3003A Fix wall tiles.   Change to title. Updated to meet the Standards for Training Packages 2012.

Application

This unit of competency specifies the skills and knowledge required to use adhesive to install wall tiles to differing substrates.

It includes the preparation, cutting, installation and grouting of tiles for walls, including internal and external wall junctions and junctions between walls and floors.

A person working at this level would be expected to take responsibility for organising and completing tasks assigned to them without close supervision.

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 *CPCCWHS1001 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 install wall tiles.	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.
	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 Set out wall tiling.	2.1	Prepare substrate and area to be tiled, including checking waterproof membrane for integrity and conformance to regulatory requirements.
	2.2	Check tiles conform to size, pattern, colour and characteristic requirements of the task and are fit for purpose.
	2.3	Check internal and external corner substrates for square and plumb.
	2.4	Determine and set out tile work grid patterns to be symmetrical and balanced with movement joints, and to produce minimal waste.
3 Cut wall tiles.	3.1	Cut tiles without damage to tile edges, surfaces or finish.
	3.2	Cut holes for penetrations to shape, size and specified tolerance.
4 Prepare substrate and install wall tiles	4.1	Prepare and apply adhesive to substrate and/or tile surface.
	4.2	Prepare and install tiles set to level and plumb.

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	4.3	Check horizontal joint for straightness, and check tile edges and surface alignment.
	4.4	Install tiles to alignment, maintaining designed pattern.
	4.5	Install tiles with required coverage, maintaining joint and face alignment.
	4.6	Show even margins around openings, frames and fittings.
	4.7	Maintain joints straight and uniform in width with due allowance for tolerance of tile sizes.
	4.8	Insert specified movement joints.
5 Tile internal and external corners.	5.1	Check setting out for plumb, level and square and to be within specified tolerance.
	5.2	Cut and install bottom course to create raked corner.
	5.3	Make joints for abutting tiles in accordance with designed margin for grouting and movement joints.
	5.4	Install cove and/or coved tiles to internal corners.
	5.5	Install trim or mitre to external corners.
6 Grout tiles.	6.1	Clean and prepare joints to receive grout.
	6.2	Mix and apply grout.
	6.3	Clean and polish tiles.
	6.4	Protect tiles from damage during remaining construction.
7 Clean up.	7.1	Clear work area and dispose of, reuse or recycle materials.
	7.2	Clean, check, maintain and store 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 CPCCWF3003A Fix wall tiles.

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