CPCCWF3002 Install floor 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 CPCCWF3002A Fix floor 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 install floor tiles to different substrates.

It includes the preparation, cutting, installing and grouting of tiles for floors, including steps and and/or or stairs and thresholds.

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 floor 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 floor tiling.	2.1	Clear area to be tiled.
	2.2	Check that tiles are fit for purpose and conform to task size, patterns, colours and characteristics.
	2.3	Check waterproof membrane for integrity and conformance to regulatory requirements.
	2.4	Set out tile work to be symmetrical and balanced, including allowance for movement joints, and to produce minimal waste.
3 Cut floor 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 floor tiles.	4.1	Prepare and apply screed to specified consistency and surface finish.
	4.2	Prepare substrate surface, free from contaminants and residues to receive adhesive.
	4.3	Match adhesive with tile and substrate material and mix according to manufacturers' instructions.

		4.4	Install tiles, maintaining alignment of joints that are uniform in size and with the specified finished surface.
		4.5	Insert movement joints.
5	Tile treads, risers, steps and thresholds.	5.1	Determine step rises and goings from steps and and/or or stairs.
		5.2	Set out steps for uniform rise to comply with building code and make even cut on both sides of steps.
		5.3	Install tiles, maintaining alignment of joints that are uniform in size and with the specified finished surface.
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 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 CPCCWF3002A Fix floor 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

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