

BUILDING WORKS FINISHES II

UNIT CODE: 0732 453 17A

TVET CDACC UNIT CODE: CON/ CU/ BLD/CR /010 /5 / MA

UNIT DURATION: 80 Hours

Relationship to Occupational Standards

This unit addresses the Unit of Competency: Perform Building Finishes works II

Unit Description

This unit specifies the competencies required to perform building finishes. It involves laying tiles, laying terrazzo and applying Paint. These are tasks and activities carried out at almost the tail end of construction.

Summary of Learning Outcomes

S/NO	LEARNING OUTCOME	DURATION(HOURS)
1	Lay tiles on surfaces	26
2	Lay terrazzo on surfaces	36
3	Apply Paint	18
	TOTAL	80

Learning Outcomes, Content and Suggested Assessment Methods

Learning Outcome	Content	Suggested Assessment Methods
1. Lay tiles on surfaces	1.1 PPEs 1.2 <i>Tiling tools and equipment</i> 1.3 Tiling Surface screeding 1.4 <i>Tiling materials</i> 1.5 Tile setting	Practical •Projects •POE evaluation •Third party reports Written tests

	1.6 Tile cutting. 1.7 Tiles fixing 1.8 Tile joint 1.9 Tiled surface cleaning	
2. Lay terrazzo on surfaces	2.1 PPEs 2.2 Terrazzo tools and equipment 5.1 Terrazzo Surface screeding 2.3 Terrazzo materials 2.4 Terrazzo dividing strips 2.5 Mixing Terrazzo chips. 2.6 Green terrazzo mixture 2.7 Green terrazzo mixture compacting 2.8 curing 2.9 Terrazzo surface grounding 2.10 Polishing Terrazzo surface	Practical •Projects •POE evaluation •Third party reports Written tests
3. Apply Paint	3.1 PPEs 3.1.1 Types 3.1.2 uses 3.2 Cordoning off methods 3.2.1 Physical barrier 3.2.2 Temporary barriers 3.2.3 Safety signage 3.2.4 Masking and taping 3.2.5 Work site zoning 3.3 Working platform methods. 3.3.1 scaffolding 3.4 Surface preparation 3.4.1 Filler 3.4.2 Sanding 3.4.3 Scrapping existing paint 3.5 Setting out of painting area.	1. Written Assessments 2. Reports 3. Written Tests 4. Practical Assessments 5. Observation

	3.6 Paint mixing 3.6.1 Manual mixing 3.6.2 Mechanical mixing 3.6.3 Computerised mixing 3.7 Application paint 3.7.1 Brush painting 3.7.2 Roller painting 3.7.3 Spray painting 3.8 Painting equipment maintenance	
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Suggested Methods of Instruction

- Practical
- Projects
- Demonstrations
- Group Discussion
- Direct Instruction

Recommended Resources for 25 Trainees

S/No.	Category/Item	Description/Specifications	Quantity	Recommended Ratio (Item: Trainee)
A	Learning Materials			
1.	Desktop computers/laptops	Any model	5	1:5
2.	Tape measures	5 metres	25	1:1
3.	Builders line		5	1:5
4.	Mason square		5	1:5
5.	Cement/ lime		25 bags	1:1
6.	spade		5	1:5
7.	Trowel		25	1:1
8.	Spirit level		5	1:5
9.	Plumb bob		25	1:1
10.	Wood float		25	1:1
11.	Steel float		25	1:1
12.	Concrete chisel		25	1:1
13.	Straight edge		5	1:5
14.	Sand		10Ton	1:5
15.	Tiles		10 packets	1:5
16.	Tile cutter		5	1:5
17.	Tile spacer		5 packets	1:5

18.	Concrete mixer		1	1:25
19.	Tamping rod/ poker vibrator		1	1:25
20.	Terrazzo chippings		10 packets	1:5
21.	Surface grinder		1	1:25
22.	Wire brush		5	1:5
23.	Keying rod		5	1:5
24.	Batching boxes		5	1:5
B	Learning Facilities & Infrastructure			
25.	LectureRoom	(9* 8 sq. metres)	1	1:25
26.	Workshop/ construction site		1	1:25
27.	Internet Connection	System	1	1:25
28.	Whiteboard	Glass, melamine, porcelain	1	1:25

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