

PERFORM MASONRY WORKS FINISHES II

UNIT CODE: 0732 451 18A

TVET CDACC UNIT CODE: CON/ OS/ BLD/CR /10 /5 / MA

UNIT DESCRIPTION

This unit specifies the competencies required to perform building finishes. It involves plastering various surfaces, keying external walls surfaces, pointing of external wall surfaces, laying tiles and laying terrazzo. These are tasks and activities carried out at almost the tail end of construction.

ELEMENTS AND PERFORMANCE CRITERIA

ELEMENT These describe the key outcomes, which make up workplace function.	PERFORMANCE CRITERIA These are assessable statements, which specify the required level of performance for each of the elements. <i>Bold and italicized terms are elaborated in the Range</i>
1. Lay tiles on surfaces.	5.1 PPEs are donned as per the work requirement 5.2 <i>Tiling tools and equipment</i> are assembled as per the work requirement 5.3 Tiling Surface is screed as per National building code 2024 requirement. 5.4 <i>Tiling materials</i> are assembled based on work required. 5.5 Tile setting is carried out as per working drawing specifications 5.6 Tile is cut as per design specifications. 5.7 Tiles are fixed as per work specification. 5.8 Tile joint is grouted as per National building code 2024 requirement 5.9 Tiled surface is cleaned as per work requirement

2. Lay terrazzo on surfaces	2.1 PPEs are donned as per the work requirement 2.2 Terrazzo tools and equipment are assembled as per the work requirement 2.3 Terrazzo Surface is screed as per National building code 2024 requirement. 2.4 Terrazzo materials are assembled based on work required. 2.5 Terrazzo dividing strips are laid as per design requirement 2.6 Terrazzo chips are mixed as per the design requirement. 2.7 Green terrazzo mixture is placed as per design requirement. 2.8 Green terrazzo mixture is compacted as per National building code 2024 requirement 2.9 Laid terrazzo is cured as per National building code 2024 requirement 2.10 Terrazzo surface is ground as per work requirement. 2.11 Terrazzo surface is polished as per National building code 2024 requirement.
3. Apply Paint	3.1 PPEs are donned as per the work requirement 3.2 Work area is cordoned off as per National building code 2024 requirement. 3.3 Surface is prepared as per work requirement 3.4 Painting area is set out as per design requirement 3.5 Paint is mixed as per the design requirement 3.6 Paint is applied on the surface as per the design 3.7 Painting equipment is maintained as per SOPs

RANGE

This section provides work environments and conditions to which the performance criteria apply. It allows for different work environments and situations that will affect performance.

Variables	Range
1. PPEs may include but not limited to	• Helmet • Gloves • Dustcoat overall • Safety boots
2. Tiling tools and equipment may include but not limited to	• Trowel • Mallet • Spade • Steel float • Tile cutting machine • Mason square • Spirit level
3. Tiling materials may include but not limited to	• Door • Windows • Grills
4. Terrazzo tools and equipment may include but not limited to	• Trowel • Mallet • Spade • Steel float • Compactor • Mason square • Spirit level • Grinder
5. Terrazzo materials may include but not limited to	• Terrazzo strips • Terrazzo chips • Binder • Diamond stone

	• Terrazzo polish
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Required Skills

The individual needs to demonstrate the following skills:

- Analytical skills
- Drawing skills
- Problem-solving skills
- Critical thinking skills
- Organizing skills
- Measuring skills
- Numeracy skills
- Tile Cutting skills
- Assembling skills
- Mixing skills

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Required Knowledge

The individual needs to demonstrate knowledge of:

- Types of fittings and appliances
- Properties of materials
- Measurements
- Drawing interpretation
- Entrepreneurial

EVIDENCE GUIDE

This provides advice on assessment and must be read in conjunction with the performance criteria, required skills and knowledge and range.

1. Critical Aspects of Competency	Assessment requires evidence that the candidate: 1.1 Laid tile as per work specifications 1.2 Laid terrazzo as per working drawing specifications 1.3 Conducted housekeeping as per OSHA –CAP 236A 1.4 Prepared surface as per work requirement 1.5 Mixed Paint as per the design requirement 1.6 Applied Paint on the surface as per the design
2. Resource Implications	The following resources should be provided: 2.1 Access to relevant workplace or appropriately simulated environment where assessment can take place 2.2 Materials relevant to the proposed activity or tasks
3. Methods of Assessment	Competency in this unit may be assessed through: 3.1 Practical 3.2 Projects 3.3 Peer evaluation 3.4 Third party reports 3.5 Written tests
4. Context of Assessment	The competency may be assessed in a workplace or a simulated workplace
5. Guidance information for assessment	Holistic assessment with other units relevant to the industry sector, workplace and job role is recommended.