

## BUILDING FINISHES

**UNIT CODE: CON/CU/BUT/CR/04/4**

### RELATIONSHIP TO OCCUPATIONAL STANDARDS

This unit addresses the unit of competency: Perform building finishes

**DURATION OF UNIT:** 100 hours

### UNIT DESCRIPTION

This unit describes the competences required to perform building finishes. It entails installing door and window frames, applying floor finishes, applying building facings, applying wall finishes, carrying out pointing and jointing, performing rough casting.

### SUMMARY OF LEARNING OUTCOMES

1. Install doors and windows Frames
2. Apply floor finishes
3. Apply building facings
4. Apply wall finishes
5. Carry out pointing and jointing
6. Perform building rough casting
7. Paint building surfaces

### Learning Outcomes, Content and Suggested Assessment Methods

| Learning outcome                    | Content  | Suggested assessment methods   |
|-------------------------------------|--|--|
| 1. Install doors and windows frames | <ul style="list-style-type: none"><li>• Door and window installation tools and equipment</li><li>• Types of doors and windows</li><li>• Opening preparation</li><li>• Door and window installation</li></ul> | <ul style="list-style-type: none"><li>• Written assignments</li><li>• Written Tests</li><li>• Practical projects</li><li>• Practical Tests</li><li>• Oral questioning</li><li>• Observation of work procedures</li></ul> |
| 2. Apply floor finishes             | <ul style="list-style-type: none"><li>• Types of floor finishes</li><li>• Floor finishing tools &amp; equipment</li><li>• Background preparation.</li><li>• Floor finishing</li></ul>                        | <ul style="list-style-type: none"><li>• Written assignments</li><li>• Written Tests</li><li>• Practical projects</li><li>• Practical Tests</li></ul>   |

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|                                    |  | <ul style="list-style-type: none"> <li>• Oral questioning</li> <li>• Observation of work procedures</li> </ul>  |
| 3. Apply building facings          | <ul style="list-style-type: none"> <li>• Facing materials, tools and equipment</li> <li>• Preparation of facing materials</li> <li>• Preparation of facing background</li> <li>• Fixing of facings</li> <li>• Building code</li> </ul>   | <ul style="list-style-type: none"> <li>• Written assignments</li> <li>• Written Tests</li> <li>• Practical projects</li> <li>• Practical Tests</li> <li>• Oral questioning</li> <li>• Observation of work procedures</li> </ul> |
| 4. Apply wall finishes             | <ul style="list-style-type: none"> <li>• Wall mastering materials, tools and equipment</li> <li>• Preparation of wall surfaces</li> <li>• Application of wall master</li> <li>• Protection of wall mastered surface</li> <li>• Lining materials, tools and equipment</li> <li>• Background preparation.</li> <li>• Fixing of linings</li> <li>• Cladding materials, tools and equipment</li> <li>• Background preparation</li> <li>• Application of claddings</li> <li>• Plastering tools and equipment.</li> <li>• Plastering materials</li> <li>• Background preparation</li> <li>• Mixing ratios/mortar making</li> <li>• Application of plaster</li> </ul> | <ul style="list-style-type: none"> <li>• Written assignments</li> <li>• Written Tests</li> <li>• Practical projects</li> <li>• Practical Tests</li> <li>• Oral questioning</li> <li>• Observation of work procedures</li> </ul> |
| 5. Carry out pointing and jointing | <ul style="list-style-type: none"> <li>• Pointing and jointing materials, tools and equipment</li> <li>• Preparation of materials</li> <li>• Background preparation</li> <li>• Pointing and jointing</li> </ul>  | <ul style="list-style-type: none"> <li>• Written assignments</li> <li>• Written Tests</li> <li>• Practical projects</li> <li>• Practical Tests</li> <li>• Oral questioning</li> </ul>   |

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|                                   |  | <ul style="list-style-type: none"> <li>• Observation of work procedures</li> </ul>  |
| 6. Perform building rough casting | <ul style="list-style-type: none"> <li>• Rough casting materials, tools and equipment</li> <li>• Preparation of materials</li> <li>• Background preparation</li> <li>• Application of rough cast</li> </ul>                          | <ul style="list-style-type: none"> <li>• Written assignments</li> <li>• Written Tests</li> <li>• Practical projects</li> <li>• Practical Tests</li> <li>• Oral questioning</li> <li>• Observation of work procedures</li> </ul> |
| 7. Paint building surfaces        | <ul style="list-style-type: none"> <li>• Painting materials</li> <li>• Painting tools &amp; equipment</li> <li>• Preparation of painting surface</li> <li>• Application of paint</li> <li>• Protection of painted surface</li> </ul> | <ul style="list-style-type: none"> <li>• Written assignments</li> <li>• Written Tests</li> <li>• Practical projects</li> <li>• Practical Tests</li> <li>• Oral questioning</li> <li>• Observation of work procedures</li> </ul> |

**Suggested Methods of Instruction:**

- Demonstration by trainer
- Practical work by trainee
- Demonstration videos
- Projects
- Group discussions

**Recommended Resources**

**Tools and equipment**

- Spade
- Wheelbarrows
- Painting brushes
- Trowel
- Spirit level
- Screw driver
- Hammer
- Plumb bob
- Wooden float

- Steel float
- Head pans

### **Materials and supplies**

- Cement
- Water
- Bricks
- Wooden blocks
- Tiles
- Lining boards
- Lime
- Doors
- Windows

### **Personal protective equipment (PPEs)**

- Gum boots
- Helmets
- Gloves
- Dust coats
- First aid kits

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