UNIT D Level 2
Interior design with clay plaster

Learning outcomes
Criteria and indicators

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### Interior design with clay plaster

#### Knowledge

- Clay in design: examples from different cultures
- Overview of design techniques with clay plaster
- Composition of fine and coloured finish coats using own made clay plaster, manufactured mixes, clay or earth powders
- Common colouring and texturing additives
- Suppliers of manufactured products
- The colours of earth
- Effects and symbolism of colour, the colour wheel and important contrasts: complementary, warm and cold, light and dark
- Basic principles of interior design: colour balance, accents, colour combination
- Preparation of common background
- Different surface finishes: floating, sponging, troweling and decorative surface structures
- Common joining techniques between clay surfaces and joins with other materials: tape, cuts/incisions, edge profiles
- Basic principles of sustainable building in relation to designing with clay and surface treatments
- Preparation and application of fine and coloured finish coats:
  - Current legislative workplace requirements
  - Relevant codes of practice and current standards for quality of work and materials
  - Tools, machinery and equipment
  - The order of work
  - Safe and healthy working practices

#### Skills

- From the sample boards select a colour scheme for the wall
- Prepare plasters of different colours following instructions
- Make sample surfaces of different colours, textures and decorative surface structures
- Prepare backgrounds
- Protect adjoining surfaces
- Manually apply to a small area a fine and coloured surface finish coat
- Make the surface finish according to the instructions - floated or sponged
- Use the provided materials, tools and equipment
- Organise the work place
- Comply with workplace safety requirements at all times

### Competence

- Have an appreciation of the aesthetic and environmental impact of different plaster surfaces and finishes
- Describe your own design proposal for a sample wall panel, making reference to simple principles of colour theory, for example contrasts, accents, colour balance
- Under supervision, transfer the design to the wall including subdivision of wall panels; prepare and apply a fine coloured finish coat and make the surface finish
- Be aware of the value of experimental work in the personal creative process
- At each stage check for accuracy and ensure instructions are being followed
### Criteria for the Evaluation of Skills

<table>
<thead>
<tr>
<th>Criteria</th>
<th>Indicators</th>
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<tbody>
<tr>
<td>Completion of the design concept</td>
<td>• The overall impression conforms to the design concept</td>
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<td></td>
<td>• Colour, texture and surface structure conform to the design brief</td>
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<td></td>
<td>• The wall surfaces are sub-divided according to the design brief</td>
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<td>Quality of the plaster mix</td>
<td>• Colour, texture and grain size conform to the design brief</td>
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<tr>
<td>Workability</td>
<td>• The consistency is appropriate for the thickness of the layer and for the</td>
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<tr>
<td></td>
<td>application technique</td>
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<td>Recipe</td>
<td>• Test samples are clearly marked with the proportions and ingredients</td>
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<td>• The colouring and texturing additives are precisely measured</td>
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<td>• The chosen recipe from the test results is clearly written down and can</td>
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<td>be repeated</td>
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<td>• The quantities of the different constituents have been calculated</td>
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<tr>
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<td>according to the recipe</td>
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<td>Surface quality</td>
<td>• The colour is homogenous</td>
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<td>• The surface is homogeneous with regard to the surface finish</td>
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<td>Quality of Detailing</td>
<td>• The joins with other materials are neat and straight</td>
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<td>Preparation</td>
<td>• The materials are soaked and sieved according to the instructions</td>
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<td>• The adjoining surfaces are protected</td>
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<td>• If necessary the background has been prepared according to the</td>
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<tr>
<td></td>
<td>instructions</td>
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Ensure that standards of work and materials comply with relevant codes of practice and to current standards.
### Criteria for the assessment of the method of work (criteria of skills evaluation)

<table>
<thead>
<tr>
<th>SUB-CRITERIA</th>
<th>INDICATOR</th>
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</table>
| Organisation | The examinee is able to:  
  • locate and access tools, equipment and materials  
  • check the availability of building materials  
  • logically organise the work space and the order of tasks |
| Economy of materials and time | • Optimum use of materials and time - no wastage |
| Use of tools and machines | • Appropriate choice of tools and machines  
  • Machines used according to operating instructions  
  • Ergonomic handling and use of machines, tools, equipment and materials  
  • Skillful and careful handling and use of tools, machines, equipment and materials |
| Work place | • Tools and material are set out logically for maximum efficiency  
  • Tools and machines are cleaned and returned tidily to their correct place  
  • Surplus materials are properly collected and stored |
| Time | • The work is completed within the allocated time in accordance with the programme of work |
| Safety | Compliance with Construction site health & safety  
  • The equipment is appropriate for purpose and has been risk-assessed  
  • All Protective safeguards are in place  
  • Erection of ladders and scaffolding according to regulations |
| Waste | • Waste is appropriately sorted, stored, recycled, removed and disposed of according to regulations |
| Communication | • Problems during the working process or any deviation from the specifications are reported  
  • The finished work is described / explained orally  
  • Progress and the various stages of work are discussed with the work team  
  • Instructions that are not understood are questioned |