

# UNIT D Level 1

## Interior design with clay plaster

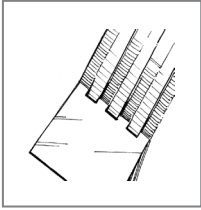
### Learning outcomes Criteria and indicators

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First edition: Leonardo da Vinci Project, Lernpunkt Lehm 2007-2009





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Unit D

Level 1

### Knowledge

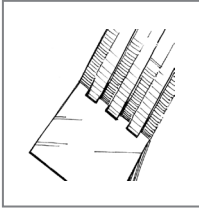
- Clay in design: examples from different cultures
- Overview of design techniques with clay plaster
- Composition of fine and coloured finish coats using own made clay plaster, manufactured mixes, clay or earth powders,
- Common colouring and texturing additives
- Suppliers of manufactured products
- The colours of earth
- Effects and symbolism of colour, the colour wheel and important contrasts: complementary, warm and cold, light and dark
- Colour combination in a room
- Preparation of common backgrounds
- Different surface finishes (floating, sponging, troweling and decorative surface structures)
- Basic principles of sustainable building in relation to designing with clay and surface treatments
- Preparation and application of fine and coloured finish coats:
  - 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

- Explain the selected colour scheme for the wall
- Under direct supervision execute a fine and coloured surface finish coat
- Describe the steps taken in applying the layer and finishing the surface



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### Criteria for the Evaluation of Skills

Criteria	Indicators
Completion of the design concept	<ul style="list-style-type: none"><li>• The colour conforms to the design brief</li></ul>
Quality of the plaster mix	<ul style="list-style-type: none"><li>• Colour, texture and grain size conform to the instructions</li></ul>
Workability	<ul style="list-style-type: none"><li>• The consistency conforms to the instructions</li></ul>
Recipe	<ul style="list-style-type: none"><li>• The colouring and texturing additives are precisely measured</li><li>• The chosen recipe from the test results is clearly written down and can be repeated</li></ul>
Surface quality	<ul style="list-style-type: none"><li>• The colour is homogenous</li><li>• The floated or sponged surface is fairly homogenous</li></ul>
Preparation	<ul style="list-style-type: none"><li>• The adjoining surfaces are protected</li><li>• The background has been prepared according to the instructions</li></ul>

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)

Unit D	Method of Work	Level 1
SUB-CRITERIA	INDICATOR	
Organisation	<ul style="list-style-type: none"> <li>• logical organization of both the work space and the order of work tasks</li> </ul>	
Economy of materials and time	<ul style="list-style-type: none"> <li>• Optimum use of materials and time – no wastage</li> </ul>	
Use of tools and machines	<ul style="list-style-type: none"> <li>• The use of the machines conforms to the operating instructions</li> <li>• The use of machines, tools and equipment and the handling of materials is conducted ergonomically</li> <li>• The handling and use of tools, machines, equipment and materials is done skillfully and carefully</li> </ul>	
Work place	<ul style="list-style-type: none"> <li>• Tools and machines are cleaned and returned tidily to their correct place</li> </ul>	
Safety	<ul style="list-style-type: none"> <li>• All Protective safeguards are in place</li> <li>• The erection of ladders and scaffolding conforms to regulations</li> </ul>	
Wastage	<ul style="list-style-type: none"> <li>• Wastage is appropriately sorted, stored, recycled, removed and disposed of according to regulations</li> </ul>	
Communication	<ul style="list-style-type: none"> <li>• Problems during the working process or any deviation from the specifications are reported</li> <li>• The finished work is reported / explained orally</li> <li>• Progress and the various stages of work are discussed with the work team</li> <li>• Instructions that are not understood are questioned</li> </ul>	