

UNIT D Level 2

Interior design with clay plaster

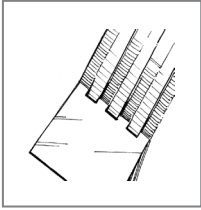
Learning outcomes Criteria and indicators

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Revised edition: September 2015

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





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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

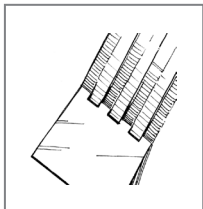
Skills

- 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



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Criteria for the Evaluation of Skills

Criteria	Indicators
Completion of the design concept	<ul style="list-style-type: none"> The overall impression conforms to the design concept Colour, texture and surface structure conform to the design brief The wall surfaces are sub-divided according to the design brief
Quality of the plaster mix	<ul style="list-style-type: none"> Colour, texture and grain size conform to the design brief
Workability	<ul style="list-style-type: none"> The consistency is appropriate for the thickness of the layer and for the application technique
Recipe	<ul style="list-style-type: none"> Test samples are clearly marked with the proportions and ingredients The colouring and texturing additives are precisely measured The chosen recipe from the test results is clearly written down and can be repeated The quantities of the different constituents have been calculated according to the recipe
Surface quality	<ul style="list-style-type: none"> The colour is homogenous The surface is homogeneous with regard to the surface finish
Quality of Detailing	<ul style="list-style-type: none"> The joins with other materials are neat and straight
Preparation	<ul style="list-style-type: none"> The materials are soaked and sieved according to the instructions The adjoining surfaces are protected If necessary the background has been prepared according to the instructions

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 2
SUB-CRITERIA	INDICATOR	
Organisation	The examinee is able to: <ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> Optimum use of materials and time - no wastage 	
Use of tools and machines	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> The work is completed within the allocated time in accordance with the programme of work 	
Safety	Compliance with Construction site health & safety <ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> Waste is appropriately sorted, stored, recycled, removed and disposed of according to regulations 	
Communication	<ul style="list-style-type: none"> 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 	