

# Circular Design for Interiors: Sustainable Wall Finishes with Recycled Plaster

**Format:** Self-paced online course

**Duration:** 6 Weeks (Flexible access)

**Audience:** Artisans, interior designers, builders, material innovators, and sustainability-conscious creatives

**Delivery:** 100% Digital or in-person by request

**Certificate:** Issued upon successful completion of final quiz/project

## Course Overview

This course introduces learners to sustainable and circular interior design principles through the practical lens of **recycled plaster wall finishes**. Through video lectures, illustrated manuals, and downloadable resources, students will gain technical knowledge and hands-on skills for applying elegant, low-carbon finishes in real-world settings. Featuring case studies and tested material recipes, the course combines theory and practice to equip participants with creative, ecological design tools.

## Learning Objectives

By the end of this course, learners will:

- Understand the principles of circular design in interiors.
- Identify and work with recycled plaster materials.
- Apply different techniques to create eco-friendly and long-lasting wall finishes.
- Customize finishes using natural pigments and additives.
- Communicate sustainability benefits in design projects.
- Develop confidence in specifying recycled plaster in professional work.

# Course Structure & Materials

Each week contains:

- **Pre-recorded Video Lectures**
- **Step-by-Step Tutorials**
- **ITechnical Manual**
- **Downloadable Recipes & Materials Sheets**
- **Glossary of Terms (PDF)**
- **A Self-Assessment Quiz each**
- **Final Certificate** (after Week 6 quiz/project)

## Week-by-Week Breakdown

### WEEK 1 — Introduction to Circular Design for Interiors

**Topics:**

- What is circular design?
- From waste to value: the role of recycled materials
- Relevance of plaster in circular construction

**Learning Objectives:**

- Define circular design and its importance in interior architecture
- Understand the environmental benefits of reusing plaster
- Identify opportunities to integrate circular thinking into practice

### WEEK 2 — Material Science: Recycled Plaster & Its Possibilities

**Topics:**

- Understanding gypsum, lime, clay, and hybrid mixes

- How to source and recycle plaster
- Properties and performance of recycled materials

**Learning Objectives:**

- Differentiate types of plasters and their behaviors
- Understand composition and mixing proportions for recycled plaster
- Learn about sourcing and safety for recycled materials

## **WEEK 3 — Surface Preparation & Layering Techniques**

**Topics:**

- Prepping walls for plastering (new vs. existing surfaces)
- Layering: scratch coat, base coat, finish coat
- Avoiding common errors: cracks, bubbling, uneven drying

**Learning Objectives:**

- Prepare a variety of surfaces for recycled plaster application
- Apply multi-layer systems for durability
- Identify causes and solutions for application issues

## **WEEK 4 — Texture, Pigment, and Finish Design**

**Topics:**

- Natural pigmentation: oxides, earth powders, plant-based options
- Finishes: smooth, textured, rammed earth, matte, gloss
- Working with light, form, and tactile surfaces

**Learning Objectives:**

- Mix and integrate pigments safely into plaster
- Achieve different textures and finish qualities
- Create a visual identity with sustainable surface design

## **WEEK 5 — Circular Design in Practice: Planning & Specification**

### **Topics:**

- How to specify recycled plaster for projects
- Budgeting and communicating ecological value to clients
- Design documentation and sample boards
- Planning for repair, reuse, and end-of-life scenarios

### **Learning Objectives:**

- Draft a sample specification sheet
- Communicate the sustainable advantage to clients or stakeholders
- Incorporate plaster finishes in circular interior design proposals

## **WEEK 6 — Showcase & Final Reflection**

### **Topics:**

- Summary of key learnings
- Presentation of design samples or boards
- How to evolve your practice with circular principles
- Opportunities for further learning or collaboration

### **Learning Objectives:**

- Synthesize course insights into a creative output
- Reflect on how to apply techniques in your design or build practice
- Create a plan for incorporating sustainable finishes into future projects



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