

PART 1 — ROOM-BY-ROOM PHASING PLANNER

Plaster and render are critical for weather protection. Never leave walls unrendered through a rainy season. Plan your sequence below.

ROOM / ZONE	Wall Area (m²)	Method	Coat 1 Date	Coat 2 Date	Coat 3 Date	Complete?
Exterior North						☐
Exterior East						☐
Exterior South						☐
Exterior West						☐
Kitchen (interior)						☐
Bathroom / WC						☐
Living Room						☐
Bedroom 1						☐
Bedroom 2						☐
Bedroom 3						☐
Veranda / Porch						☐

PART 2 — NATURAL PLASTER RECIPE GUIDE

Match plaster recipe to wall type. Wrong plaster on wrong wall causes delamination and cracking.

RECIPE	WALL TYPE	COAT	MIX RATIO	Finish
Clay plaster	Cob, Adobe, Earthbag	1st+2nd	3 clay : 4 sand : 1 straw	Smooth or textured
Lime plaster	CEB, Rammed Earth, Adobe	Final	1 lime : 2.5 sand	Float or trowel
Lime-clay blend	All earthen walls	All coats	1 lime : 1 clay : 4 sand	Smooth
Sand-lime	Bamboo, Wattle & Daub	Final	1 lime : 3 coarse sand	Rough / rustic
Cement-lime	Ferrocement exterior only	All coats	1 cement : 1 lime : 4 sand	Smooth, waterproof

PLASTER QUANTITY CALCULATOR	FORMULA	YOUR TOTAL
Total area to plaster (m²)	From phasing planner	
Volume per coat: 12 mm thick (cu.m)	Area × 0.012	
Lime bags needed (25 kg bags)	Volume × 750 kg/cu.m × lime %	
Sand needed (cu.m)	Volume × sand fraction	

★ Never apply a rigid cement render over an earthen wall. The wall breathes; cement doesn't. Delamination is inevitable.