

PART 1 — COB TARP MIXING GUIDE

Tarp mixing is the most accessible method for small teams. One batch = what two people can tarp-mix and lift in 30 minutes.

STEP	ACTION	Check
1	Lay 3 m × 3 m heavy tarp on flat ground	☐
2	Pile soil (1 part), sand (1 part) on tarp	☐
3	Form hollow in centre; add water gradually	☐
4	Add chopped straw (50 mm) — approx 10% by vol	☐
5	Fold tarp over pile; walk or twist to mix	☐
6	Mix until colour is uniform; no dry streaks	☐
7	Test: roll golf-ball — no cracks after 2 min	☐
8	Transfer to wall in 30-min batches	☐

MIX RATIOS TESTED (circle or fill)	Batch A	Batch B	Batch C
Soil (parts)			
Sand (parts)			
Straw (% by volume)			
Water (approx litres per batch)			
Crack rating after 7 days (1=bad, 5=none)			
SELECTED RATIO?	☐	☐	☐

PART 2 — SCULPTURAL LIFT TRACKER

Cob walls are built in 'lifts' of 300–450 mm. Each lift must stiffen before the next.

Lift #	Date Applied	Height Reached (mm)	Width (mm)	Stiffen Time (hrs)	Surface Check (firm?)	Next Lift Date

★ Never add a new lift to cob that moves or feels soft underfoot. Press thumb firmly — if it leaves a mark > 10 mm deep, wait 24 more hours.