

Epoxy & Resin Coating Checklist

Use this checklist after estimating coverage to plan an epoxy floor coating or resin casting project.

PROJECT SUMMARY

Surface Area:	
Coating Type:	
Pour Depth:	
Estimated Kit Size:	
Ambient Temperature:	
Planned Date:	

HOW TO USE THIS CHECKLIST

- 1 Run the Epoxy Calculator using accurate measurements.
- 2 Confirm coating type (floor coating vs. cast/river table resin).
- 3 Review each phase before ordering resin and hardener kits.
- 4 Verify surface moisture and temperature are within spec.
- 5 Confirm permit or inspection requirements if applicable.

PHASE 1 — PLANNING

- ☐ Confirm resin type matches the application (floor vs. casting).
- ☐ Check maximum safe pour depth per layer for your product.
- ☐ Plan working time against room size and pour speed.
- ☐ Confirm ventilation and PPE requirements.
- ☐ Check ambient temperature and humidity requirements.

PHASE 2 — SITE PREPARATION

- ☐ Test concrete/substrate moisture level before coating.
- ☐ Grind or etch the surface for proper adhesion.
- ☐ Repair cracks and fill pits before coating.
- ☐ Mask edges and protect surrounding areas.
- ☐ Confirm surface is fully dry and dust-free.

PHASE 3 — MATERIAL ORDERING

- ☐ Calculate total resin volume from area and depth.
- ☐ Add 5–10% extra for spillage and uneven surfaces.
- ☐ Confirm correct resin-to-hardener mix ratio for your kit.
- ☐ Order color pigments or additives if used.
- ☐ Verify enough mixing buckets and application tools.

PHASE 4 — QUALITY & RISK CONTROL

- ☐ Mix resin and hardener at the exact specified ratio.
- ☐ Mix thoroughly to avoid soft/tacky spots from under-mixing.
- ☐ Use a torch or heat gun to release trapped air bubbles.
- ☐ Maintain stable temperature during cure time.
- ☐ Avoid foot traffic or dust until fully cured.

