

# Pre-Pour Master Checklist

Complete every item before you begin. A skipped step is the most common cause of a ruined pour.

## WORKSPACE

- Room temperature between 70–77 °F (21–25 °C)
- Humidity below 50 % — check with hygrometer if available
- Work surface level — confirm with spirit level
- Ventilation active: window open or fan running
- Dust cover (cling film, box lid) ready to protect piece during cure
- No aerosol cans, spray paints, or silicone products open nearby

## MATERIALS

- Both resin and hardener at room temperature — not cold from storage
- Components shaken / stirred gently before opening
- Measuring cups clean, dry, and sized correctly for the batch
- Mixing sticks clean — no residue from previous sessions
- Mold or surface clean, dry, and confirmed level
- All inclusions sealed if porous or natural material (wood, botanicals, stone)

## SAFETY

- Nitrile gloves on — not latex (too permeable for epoxy hardener)
- Safety glasses within reach if using loose pigment powder
- Torch or heat gun positioned and ready for bubble removal
- Timer set for the 4-minute mix
- Silicone mat or waste paper protecting the work surface
- IPA (91 %+ ) available for immediate spill and tool cleanup

## CALCULATIONS

- Total resin volume calculated from mold dimensions
- 15 % waste buffer added — this is the figure you measure out
- Part A and Part B measured by volume (not weight, unless brand specifies)
- Mixing ratio confirmed for this specific brand — check Appendix A
- Colorant amount within safe range: less than 6 % of total volume

