

Resin Test Pour Log

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Try a new resin, color or mold on a small batch first. Change one thing per pour and write everything down.

RESIN / PRODUCT _____ DATE _____ ROOM TEMP °F _____ HUMIDITY % _____
MIX RATIO _____ by volume / by weight (circle) LABEL: WORKING TIME _____ LABEL: DEMOLD / FULL CURE _____

RECORD	POUR 1 chip label: _____	POUR 2 chip label: _____	POUR 3 chip label: _____
What I'm testing e.g. clear pour, new mica, deeper mold			
Part A + Part B amount of each, and how you measured			
Mixed for minutes, and did you scrape sides and bottom?			
Added colorant or inclusion, and how much			
Mold and depth inches (mm)			
Started to thicken minutes after mixing			
Bubbles before and after a torch or heat gun pass			
Tack-free at hours			
Demolded at hours			
24 h check soft / bendy / hard			
72 h check soft / bendy / hard			
7 day check hard? any dents from a fingernail?			
Clarity and color clear, cloudy, streaky, yellow tint?			
Smell / warmth strong smell? did the cup get hot?			
Next time I'll the one thing you would change			

FAIR TEST TIPS

Keep one clear pour as your control. Change one thing at a time. Measure the way your label says.
Pour small chips about 1/8 in (3 mm) thick, label each one, and check them at the same times.

SAFETY EVERY POUR

Nitrile gloves, eye protection, fresh air. Warmth 85°F or below.
Resin on skin: wipe it off, use a waterless hand cleaner, then wash with soap and warm water. Never use solvents on skin.

How to Use the Test Pour Log

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One sheet per session. Up to three pours side by side, and only one change per pour.

BEFORE YOU MIX

1 Fill in the top

Resin name, date, room temp and humidity. Circle volume or weight as your label says, and copy the label's working, demold and full cure times.

2 Plan the pours

Pour 1 is your control: plain clear resin. Pours 2 and 3 each change one thing only, like a colorant, a deeper mold or a warmer room.

3 Label the chips

Masking tape with P1, P2, P3 on each mold, and the same label at the top of each column.

MIXING AND POURING

4 Part A + Part B

Write the amount of each and how you measured. A small test is 2 oz + 2 oz (60 ml each).

5 Mixed for

Start a timer when you start stirring. Scrape the sides and bottom.

6 Added / mold and depth

Colorant and how much (a pinch, 3 drops), the mold, and pour depth, e.g. 1/8 in (3 mm).

7 Bubbles

Count them after the pour, then again after one torch pass 4–6 in away.

WHILE IT CURES

8 Started to thicken

Every 5 minutes, drag a stick through the leftover resin in the cup. Note when it turns honey-thick.

9 Smell / warmth

Feel the leftover cup through your glove. A hot cup means a fast, hot cure.

10 Tack-free and demolded

Touch an edge with a gloved fingertip: tack-free when it leaves no print. Note when it demolds cleanly.

THE CHECKS

11 24 h, 72 h, 7 days

Press a fingernail into the back or edge and circle soft, bendy or hard. Set phone reminders.

12 Clarity and color

Look at each chip in daylight on white paper. Clear, cloudy, streaky or yellow? Recheck at 7 days.

13 Next time I'll

Write the one change you would make, then compare every pour with your control.

WHY BOTHER?

A few labeled chips tell you how this resin behaves in your room, before it's a tray or a gift. Photograph each chip next to its column and keep the sheets in a folder, so the next resin you try has something to beat.