HOORVIA — EPOXY RESIN MIXING RATIO CHART

1:1 & 2:1 Mix Ratios, Pot Working Times, Cure Schedule & Volume Guide

100% ACCURATE WORKSHOP CHART

1. EPOXY RESIN TYPES, RATIOS & WORKING TIME (AT 72°F–77°F / 22°C–25°C)

RESIN SYSTEM TYPE	MIX RATIO (PART A : PART B)	WORKING TIME	DEMOLD / FULL CURE	MAX POUR DEPTH
Art & Craft Casting Resin	**1 : 1 By Volume**	40–45 min	12 hr / 24–48 hr	Up to 1/2" (12 mm)
Tabletop & Bar Top Coating	**1 : 1 By Volume**	30–40 min	18 hr / 72 hr	1/8" to 1/4" (3–6 mm)
Deep Pour River Table Resin	**2 : 1 By Volume (2A : 1B)**	60–90 min	48 hr / 72–96 hr	2" to 4" (5–10 cm)
Fast-Cure Tumbler Coating	**1 : 1 By Volume**	15–20 min	4 hr / 24 hr	Thin brush coat (1–2 mm)
UV Resin (1-Part Bottle)	**Ready to Use (No Mixing)**	Unlimited until UV	2–4 min (36W UV)	1/16" to 1/8" layers

2. EXACT BATCH MIXING MEASUREMENTS (1:1 RATIO VS. 2:1 DEEP POUR RATIO)

TOTAL BATCH SIZE	1:1 RESIN (PART A + PART B)	2:1 DEEP POUR (2A + 1B)	TYPICAL PROJECT COVERAGE
3 fl oz (90 mL)	1.5 oz A + 1.5 oz B (45mL + 45mL)	2.0 oz A + 1.0 oz B (60mL + 30mL)	2–3 Coasters or Keychains
6 fl oz (180 mL)	3.0 oz A + 3.0 oz B (90mL + 90mL)	4.0 oz A + 2.0 oz B (120mL + 60mL)	8" × 10" Canvas or Tray
12 fl oz (360 mL)	6.0 oz A + 6.0 oz B (180mL + 180mL)	8.0 oz A + 4.0 oz B (240mL + 120mL)	2 sq. ft. Flood Coat (1/8")
24 fl oz (710 mL)	12 oz A + 12 oz B (355mL + 355mL)	16 oz A + 8 oz B (473mL + 237mL)	4 sq. ft. Countertop Seal
48 fl oz (1.42 L)	24 oz A + 24 oz B (710mL + 710mL)	32 oz A + 16 oz B (946mL + 473mL)	Small River Charcuterie Board
96 fl oz (2.84 L)	48 oz A + 48 oz B (1.42L + 1.42L)	64 oz A + 32 oz B (1.89L + 946mL)	Deep Pour Mold / River Section

WHY IS MY RESIN STICKY OR BENDY? (1) Never confuse **Volume vs. Weight**—Part A resin is denser than Part B hardener. Unless your bottle explicitly states "By Weight," always measure using graduated volume cups. (2) Stir slowly for **3 to 5 full minutes**, scraping the sides and bottom stick repeatedly. (3) Keep colorants (mica, alcohol ink) under **6% of total volume**.