

CCR

Clear Casting Epoxy Resin



Water clear, low viscosity, UV stable, designed for casting, embedding, and high build coating applications.

Popular Uses



JEWELRY



HIGH BUILD COATINGS



CASTINGS

Specifications

Epoxy Hardener	PROCESSING DATA					
	Mix Ratio by Volume	Mix Ratio by Weight	Mixed Viscosity (cPs @ 77°F/25°C)	Pot Life (mins. @ 77°F/25°C)	Tack Free (hrs. @ 77°F/25°C)	Recommended Full Cure
SLOW						
CCR	2	100	195	360	72	7 days @ 77°F/25°C
CCS	1	43				

Key Features

- ▶ High clarity and slow cure speeds allow for high build or bulk castings

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	Mix Ratio by Volume	Mix Ratio by Weight	Mixed Viscosity (cPs @ 77°F/25°C)	Pot Life (mins. @ 77°F/25°C)	Tack Free (hrs. @ 77°F/25°C)	Recommended Full Cure
FAST						
CCR	2	100	280	90	24	7 days @ 77°F/25°C
CCF	1	43				

Key Features

- ▶ High clarity for use on colored substrates or embedment



ENTROPY RESINS



Pouring Quick Guide 100:43

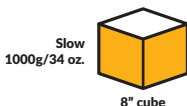
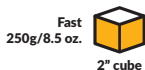
Epoxy OUNCES	Hardener OUNCES	Total Resin Volume CUBIC INCHES
1	0.43	1.172
2	0.86	2.344
3	1.29	3.516
4	1.72	4.688
5	2.15	5.86
10	4.3	11.72
12	5.16	14.064
14	6.02	16.408
16	6.88	18.752

Epoxy GRAMS	Hardener GRAMS*	Total Resin Volume MILLILITERS
25	10.75	36.825
50	21.5	73.65
75	32.25	110.475
100	43	147.3
150	64.5	220.95
300	129	441.9
350	150.5	515.55
400	172	589.2
450	193.5	662.85

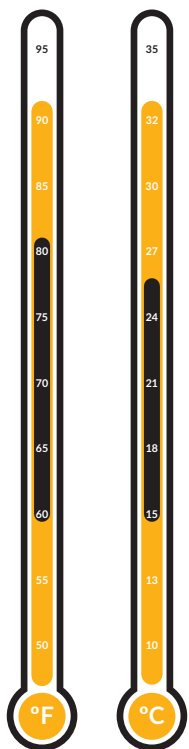
*Adjust to max out at 1000g

Volume Calculations

Maximum castable amounts at 77°F/25°C ambient temperatures.



Working Temp Range °F/°C



● OPTIMAL ● EXTENDED

Smaller amounts recommended at higher temperatures to avoid exotherm. Lower temperatures will take longer to cure.

Application Tips

For best results, measure two components by weight using a scale within 5% of the recommended mix ratio.

Always mix product thoroughly for at least 2 minutes, scraping all surfaces of the container to ensure complete mixing.

Use product in a ventilated and controlled temperature environment within the optimal specifications of the product. Avoid high humidity or cold ambient temperatures.

For optimal bonding performance, be sure surface is dry and free of dirt, debris, and/or oils. Sanding preparation of the surface is highly recommended.

Build sample coupons using proposed materials and processes to fully understand curing characteristics of the resins in your working environment and compatibility with other materials.

FOR MORE TIPS, VISIT US ON THE WEB AT

entropyresins.com/how-to-guide

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