

INF

Vacuum Infusion/ RTM Epoxy Resin

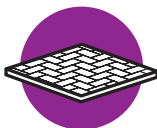


Clear, low viscosity epoxy resin for vacuum infusion or RTM.

Popular Uses



MARINE



CARBON FIBER



TRANSPORTATION

Specifications

Epoxy Hardener	PROCESSING DATA			
	Mix Ratio by Weight	Mixed Viscosity (cPs @ 77°F/25°C)	Pot Life (mins, @ 77°F/25°C)	Recommended Full Cure
SLOW				
INR	100	450	180	Initial or Post Cure of 2 hours @ 250°F/120°C
INS	33			
FAST				
INR	100	460	45	Initial or Post Cure of 2 hours @ 250°F/120°C
INF	33			

Key Features

- ▶ Low viscosity, includes air release and wetting additives for improved cosmetics.



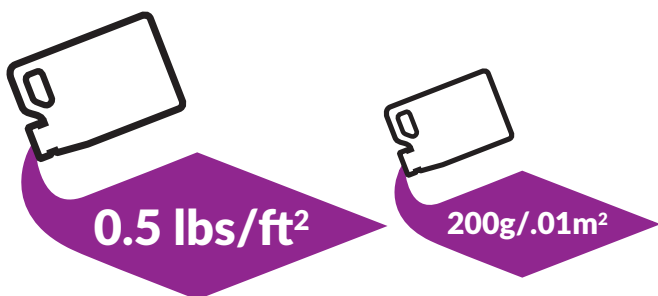
ENTROPY
RESINS



Pouring Quick Guide 100:33

Epoxy OUNCES	Hardener OUNCES	Epoxy GRAMS	Hardener GRAMS
2	0.66	50	20
4	1.34	100	40
6	1.98	150	60
8	2.64	200	80
10	3.3	250	100
15	4.95	425	170
20	6.6	550	220
25	8.25	700	280
30	9.9	850	340

Coverage Square Feet/Square Meters



Based on 3 layers of 6oz. (200gsm) carbon fiber

Actual resin requirements will depend highly on layup and geometries of the part

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 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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