

CLR

Clear Epoxy Resin



HARDENERS

EPOXY

UV stable, general use epoxy laminating resin for composites, coatings and adhesive applications.

Popular Uses



SURFBOARDS



MARINE



COATINGS

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
FASTEST						
CLR	2	100	580	15	2	7 days @ 77°F/25°C
CLX	1	47				
Key Features	▶ Best-in-class Clarity / UV Stability / Yellowing Resistance / Fastest Tack Free Cure					
Applications	▶ Professional Laminating / Coating System / Hand Layup					

FAST	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
CLR	2	100	725	25	4	7 days @ 77°F/25°C
CLF	1	47				
Key Features	▶ Excellent clarity / UV Stability / Low Yellowing					
Applications	▶ General Laminating/Adhesive/Coating System, Hand Layup, Vacuum Molding					

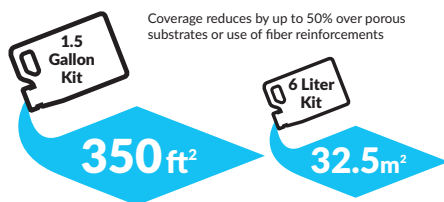
SLOW	PROCESSING DATA					
	Mix Ratio by Volume	Mix Ratio by Weight	Mixed Viscosity (cPs @ 77°F/25°C)	Pot Life (mins, @ 77°F/25°C)	Tack Free (hrs, @ 77°F/25°C)	Recommended Full Cure
CLR	2	100	1030	50	8	7 days @ 77°F/25°C Post cure recommended
CLS	1	47				
Key Features	▶ Excellent clarity / UV Stability / Low Yellowing / Long Working Time / USDA Certified					
Applications	▶ General Laminating/Adhesive/Coating System, Hand Layup, Vacuum Molding					



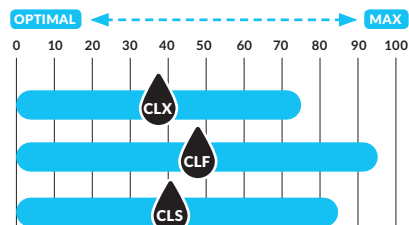
Pouring Quick Guide 100:47

Epoxy OUNCES	Hardener OUNCES	Epoxy GRAMS	Hardener GRAMS
2	0.94	100	47
4	1.88	250	117.5
6	2.82	350	164.5
8	3.76	500	235
10	4.7	750	352.5
12	5.64	1000	475
14	6.58	2500	1175

Coverage Square Feet/Square Meters

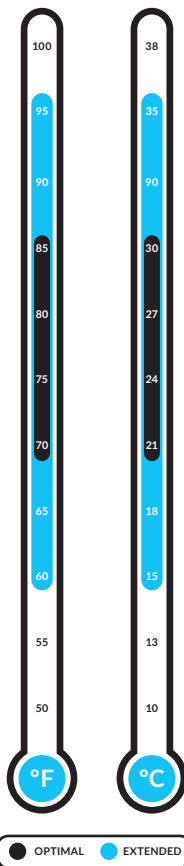


Working Humidity Range % Humidity



Better in low humidity environments, especially when used outside of the optimal product temperature range.

Working Temp Range °F/°C



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 in the container to ensure complete mixing.

Try to 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 oils. Mechanical preparation of the surface from sanding 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 of the resins with other materials.

FOR MORE TIPS, VISIT US ON THE WEB AT

entropyresins.com/how-to-guide

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