

CLR

Clear Laminating Epoxy Resin



HARDENERS

RESIN

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

Popular Uses



SURFBOARDS



MARINE



COATINGS

Specifications

Resin Hardener	PROCESSING DATA					
	Mix Ratio by Volume	Mix Ratio by Weight	Mixed Viscosity (mPas @ 25°C)	Pot Life (min @ 25°C)	Tack Free (hr @ 25°C)	Recommended Full Cure
EXTRA FAST						
CLR	2	100	990	18	2	7 days @ 25°C
CLX	1	45				
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 (mPas @ 25°C)	Pot Life (min @ 25°C)	Tack Free (hr @ 25°C)	Recommended Full Cure
CLR	2	100	1040	21	4	7 days @ 25°C
CLF	1	45				
Key Features	▶ Excellent clarity / UV Stability / Low Yellowing					
Applications	▶ General Laminating/Adhesive/Coating System, Hand Layup, Vacuum Moulding					

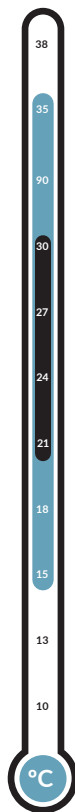
SLOW	PROCESSING DATA					
	Mix Ratio by Volume	Mix Ratio by Weight	Mixed Viscosity (mPas @ 25°C)	Pot Life (min @ 25°C)	Tack Free (hr @ 25°C)	Recommended Full Cure
CLR	2	100	700	43	8	7 days @ 25°C Post cure recommended
CLS	1	43				
Key Features	▶ Excellent clarity / UV Stability / Low Yellowing / Long Working Time					
Applications	▶ General Laminating/Adhesive/Coating System, Hand Layup, Vacuum Moulding					



Pouring Quick Guide CLX 100:45 / CLF 100:45 / CLS 100:43

Resin CLR GRAMS	Hardener CLX GRAMS	Hardener CLF GRAMS	Hardener CLS GRAMS
100	45	45	43
250	112.5	112.5	107.5
350	157.5	157.5	150.5
500	225	225	215
750	337.5	337.5	322.5
1000	450	450	430
2500	1125	1125	1075

Working Temp Range °C



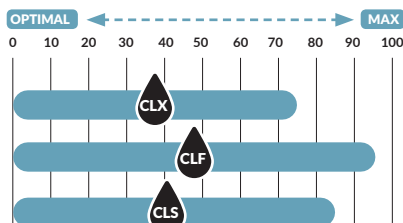
Coverage Square Metres



Coverage reduces by up to 50% over porous substrates or use of fibre reinforcements

36.3m²

Working Humidity Range % Humidity



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

● OPTIMAL ● EXTENDED

Application Tips

For best results, measure two components by weight at the correct 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 epoxy in your working environment and compatibility of the epoxy with other materials.

FOR MORE TIPS, VISIT US ON THE WEB AT

entropyresins.com/how-to-guide

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