

BRT

Optically Brightened Laminating Epoxy Resin



Optically brightened with enhanced UV resistance for ultra-white surfboard and low colour applications.

Popular Uses



WHITE SURFBOARDS



STAND UP PADDLE BOARDS

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						
BRT	2	100	1160	18	2	7 days @ 25°C
CLX	1	45				
Key Features	▶ Best-in-class Clarity / UV Stability / Yellowing Resistance / Low Viscosity					
Applications	▶ Professional Laminating / Hand Layup / Low Colour Applications					

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
BRT	2	100	1100	21	4	7 days @ 25°C
CLF	1	44				
Key Features	▶ Excellent clarity / UV Stability / Low Yellowing / Low Blush in Cold or Humid Environments					
Applications	▶ General Laminating/Adhesive/Coating System, Hand Layup, Vacuum Moulding					

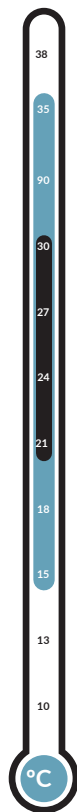
SLOW	PROCESSING DATA					
	Mix Ratio by Volume	Mix Ratio by Weight	Mixed Viscosity (mPas @ 25°C)	Pot Life (min @ 25°C)	Tack Free (hr @ 25°C)	Recommended Full Cure
BRT	2	100	800	43	8	7 days @ 25°C Post cure recommended
CLS	1	43				
Key Features	▶ Excellent clarity / UV Stability / Low Yellowing / Long Working Time					
Applications	▶ General Laminating/Adhesive/Coating System, Hand Layup, Vacuum Moulding					



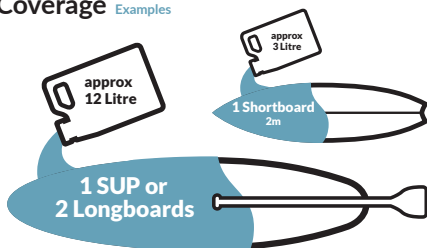
Pouring Quick Guide CLX 100:45 / CLF 100:44 / CLS 100:43

Resin BRT GRAMS	Hardener CLX GRAMS	Hardener CLF GRAMS	Hardener CLS GRAMS
100	45	44	43
250	112.5	110	107.5
350	157.5	154	150.5
500	225	220	215
750	337.5	330	322.5
1000	450	440	430
2500	1125	1100	1075

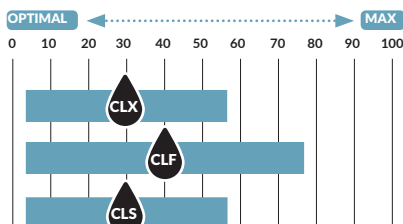
Working Temp Range °C



Coverage Examples



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 of 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.

Avoid using BRT over dark coloured surfaces as optical brightener could affect appearance.

FOR MORE TIPS, VISIT US ON THE WEB AT

entropyresins.com/how-to-guide

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