

305

Compression Moulding Epoxy Resin



HARDENERS

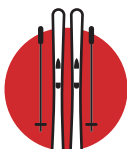
EPOXY

Fast heat activated cures for high throughput compression moulding processes.

Popular Uses



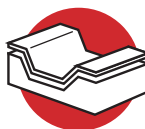
SKATEBOARDS



SKIS



SNOWBOARDS



PRESS MOULDING COMPOSITES

Specifications

Resin Hardener	PROCESSING DATA				
	Mix Ratio by Volume	Mix Ratio by Weight	Mixed Viscosity (mPa@ 25°C)	Pot Life (min @ 25°C)	Recommended Full Cure
SLOW					
305	2	100	1546	50	20 minutes @ 82°C
CPS	1	38			

Key Features

► Superior adhesion, lowest viscosity for easy fibre wet out. **USDA BioPreferred®**.

Resin Hardener	PROCESSING DATA				
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FAST					
305	2	100	1994	20	15 minutes @ 82°C
CPF	1	40			

Key Features

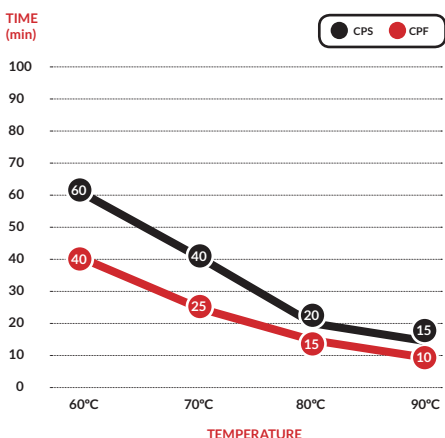
► Superior adhesion, low viscosity for easy fibre wet out and fast cures for high throughput. **USDA BioPreferred®**.



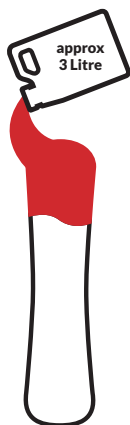
Pouring Quick Guide CPS 100:38 / CPF 100:40

Resin GRAMS	Hardener GRAMS (CPS)	Resin GRAMS	Hardener GRAMS (CPF)
25	9.5	25	10
150	57	150	60
300	114	300	120
550	209	550	220
625	237.5	625	250
680	258.4	680	272
740	281.2	740	296
800	304	800	320
850	323	850	340

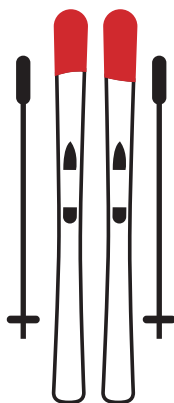
Cure Time vs. Temperature



Coverage



2 Snowboards
or
2 Pairs of Skis



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.

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 epoxy in your working environment and compatibility with other materials.

FOR MORE TIPS, VISIT US ON THE WEB AT

[entropyresins.com/how-to-guide](https://www.entropyresins.com/how-to-guide)

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