

# ONE

## High Biobased Laminating Epoxy Resin



Our highest bio-based content system, great for composite and coating applications.

### Popular Uses



WOODWORK



COATINGS



MARINE



ADHESIVES



HAND PLANES

### Specifications

Resin	PROCESSING DATA					
	Mix Ratio by Volume	Mix Ratio by Weight	Mixed Viscosity (mPas @ 25°C)	Pot Life (min @ 25°C)	Task Free (hr @ 25°C)	Recommended Full Cure
Hardener						
<b>FAST</b>						
<b>ONE</b>	2	100	1020	18	3	7 days @ 25°C
<b>ONF</b>	1	43				

**Key Features** ▶ USDA BioPreferred Certified, High Elongation, Slight Amber Colour

**Applications** ▶ General Laminating/Adhesive/Coating System, Hand Layout

<b>SLOW</b>						
<b>ONE</b>	2	100	1060	43	8	7 days @ 25°C post cure recommended
<b>ONS</b>	1	43				

**Key Features** ▶ USDA BioPreferred Certified, High Elongation, Slight Amber Colour

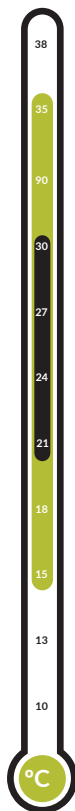
**Applications** ▶ General Laminating/Adhesive/Coating System, Hand Layout



## Pouring Quick Guide 100:43

Resin GRAMS	Hardener GRAMS
25	10.75
50	21.5
75	32.25
100	43
150	64.5
200	86
250	107.5

## Working Temp Range °C



● OPTIMAL ● EXTENDED

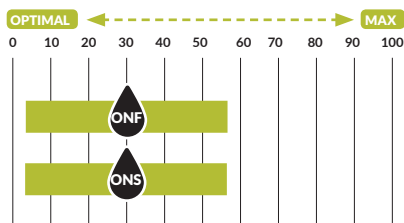
## Coverage Square Metres



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

35.5 m<sup>2</sup>

## Ideal Working Humidity Range % Humidity



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

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

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