

# ONE

## High Bio-Content Epoxy Resin



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

### Popular Uses



### Specifications

Resin	PROCESSING DATA							
	Mix Ratio by Volume		Mix Ratio by Weight		Mixed Viscosity (cPs @ 25°C)	Pot Life (mins. @ 25°C)	Tack Free (hrs. @ 25°C)	Recommended Full Cure
<b>FAST</b>								
<b>ONE</b>	2	100	500	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

SLOW	PROCESSING DATA						
	Mix Ratio by Volume		Mix Ratio by Weight		Mixed Viscosity (cPs @ 25°C)	Pot Life (mins. @ 25°C)	Tack Free (hrs. @ 25°C)
<b>ONE</b>	2	100	800	43	3	7 days @ 25°C	
<b>ONF</b>	1	47					

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

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



## Pouring Quick Guide ONF 100:43 / ONS 100:47

Resin GRAMS	Hardener GRAMS (ONF)	Resin GRAMS	Hardener GRAMS (ONS)
25	10.75	25	11.75
50	21.5	50	23.5
75	32.25	75	35.25
100	43	100	47
150	64.5	150	70.5
200	86	200	94
250	107.5	250	117.5

## Working Temp Range °C



● OPTIMAL ● EXTENDED

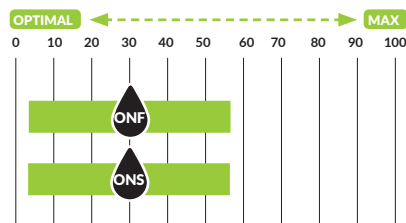
## Coverage Square Meters



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 of 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](http://entropyresins.com/how-to-guide)

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