

RP 1129 R/H

ROOM-TEMPERATURE CURE SURFACE COAT

Ren[®] RP 1129 resin and hardener is a white, room-temperature curing, thixotropic epoxy surface coat designed especially for use with the RP 1720 R/H laminating system.

MIX RATIO

Resin to Hardener	By Weight:	By Volume:
	100 to 20	100 to 26

TYPICAL HANDLING PROPERTIES*

	<u>ASTM Method</u>	<u>Resin</u>	<u>Hardener</u>	<u>Mixed</u>
Color	Visual	White	Amber	White
Specific Gravity	D-1963	1.47	1.12	
Sag Resistance	D-2730-68			Pass 1/16" Fail 1/8"
Gel Time, 4 fl. oz, minutes	D-2471			20

NOTE: These physical properties are reported as typical test values obtained by our test laboratory. If assistance is needed in establishing product specifications, please consult with our Product Management Department.

RECOMMENDED CURE SCHEDULE

1. 77°F (25°C) at 7 days

TYPICAL CURED PROPERTIES*

	<u>ASTM Method</u>	<u>Cure Value</u>
Density, lb./ft ³ (g/cm ³)	D-792	87 (1.39)
Cubic Inch per Pound	D-792	19.9
Hardness, Shore D	D-2240	85
Ultimate Flexural Strength, psi	D-790	15,500
Flexural Modulus, psi	D-790	486,000
Ultimate Tensile Strength, psi	D-638	4,880
Tg by DMA, E", °F(°C)	D-4065	156 (69)
Deflection Temperature °F(°C)	D-648	117 (47)
Ultimate Compressive Strength, psi	D-695	13,900
Izod Impact, notched, ft-lb./in	D-256	0.243
Coefficient of Thermal Expansion	D-3386	
		-22 to 86°F, in/in/°F
		-30 to 30°C, in/in/°C
Linear Shrinkage, in/in**	D-2566	31.6 x 10 ⁻⁶ 53.9 x 10 ⁻⁶ 0.0016

* Tested @ 77°F (25°C) unless otherwise noted.

** Molds are half round steel, 10 inches long, 0.5 inches deep

SAFETY: Do not use or handle this product until the Material Safety Data Sheet has been read and understood.

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