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MANUFACTURERS OF HIGH PERFORMANCE
EPOXY & POLYURETHANE FLOORING SYSTEMS

LIQUID WOOD EPOXY 4000

Convenient 1:1 Mixing Ratio

High Performance Liquid Epoxy

Liquid Wood Epoxy 4000 is a multi-purpose 100% solids epoxy system. It is a high viscosity material and can be cured at room temperature or at elevated temperatures. It has exceptional mechanical bonding capabilities allowing for excellent wood to wood, aluminum to aluminum, and concrete to concrete adhesion. The convenient 1:1 mix ratio by volume allows for simple and quick application.

Advantages

Solvent free · Water clear · Available in colors · Excellent chemical resistance·
Excellent adhesion to wood · High Gloss · Low temperature curing · Blush free

Liquid Wood Epoxy 4000 contains no hazardous VOCs, does not blush and possesses superior wet-out properties. It is specifically formulated for use and storage under all conditions.

PROPERTIES – UNCURED

	Part A	Part B
Color , visual		Neutral
Neutral		
Viscosity, ASTM-D-2393 (c.p.s. @ 25° C)..		High Viscosity
Specific Gravity		1.1-1.2
.99		
Mix Ratio (by volume).....	1:1	
Pot Life @ 70-75°C (100 grams)	30-45 minutes	
Shelf Life @ 70° F	12 months minimum	

PROPERTIES – CURED

Hardness, ASTM-D-2240(Durometer).....	Shore D 70
Tensile Strength, ASTM-D-638	5,500 psi
Tensile Elongation, ASTM-D-638	2.8 %
Flexural Strength, ASTM-D-790.....	5,800 psi
Water Absorption.....	0.08%
Dielectric Strength, ASTM-D-149 (volts/mil)	405
Dielectric Constant, ASTM-D-150	3
Dissipation Factor, ASTM-D-150.....	0.002
Volume Resistivity, ASTM-D-257 (ohm-cm).....	1 x 10 ¹⁴

MIXING INSTRUCTIONS

Measure equal parts by volume (A:B – 1:1). Mix thoroughly scraping the sides and bottom of the container. Evacuate and then apply to surface.

CURE SCHEDULE

Room temperature cure @75°F as a thin film with full properties in 3-4 hours.
To accelerate cure, raise the temperature.