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MANUFACTURERS OF HIGH PERFORMANCE
EPOXY & POLYURETHANE FLOORING SYSTEMS

LIQUID WOOD EPOXY 2000

HIGH PERFORMANCE LIQUID WOOD EPOXY COATING

Liquid Wood Epoxy 2000 is a unique, 100% solids epoxy system used for repairing, filling, and finishing wood. The two-component mixture used at a 2:1 mix ratio by volume can be easily applied to any type of wood to fill in gaps or holes, and can also be used to seal and protect wood surfaces from water, chemicals, and any other abrasives.

RECOMMENDED USES

Boats, marinas, wood decks, hard wood floors, indoor and outdoor wood furniture, etc.

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 2000 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

Tests	Results	Test Method
Pot life	35	AASHTO-T-237
Viscosity @ 75°	Clear: 1000-2000 CPS (Part A+ PartB) Pigmented: 5000-7000 CPS (Part A+ PartB)	ASTMD-2392
Tensile Strength	7000 PSI Min	ASTMD-638
Tensile Elongation	3% Min	ASTM D-638
Compressive strength	12000 PSI Min	ASTM D-690
Impact Resistance	Direct: 8-12 in LBS Gloss 60: 96-100 in LBS	ASTMD-256
Hardness shore D	85	ASTMD-2240
Fungus & Bacteria Resistance	Does not support growth of fungus or bacteria when subjected to Mildew and bacteria test specified in T-T-P-34	MIL-F-52505, T-T-P-34
Resistance to Elevated temperature	No slip or flow at required temperature of 158°F	MIL-D-31 34F SEC 4.7.5.
Taber Abrasion Resistance	0.02 gms Loss for 1000 Cycles	CS-1 7 Wheels with 1000gm load of each arm for 10,000 cycles

SURFACE PREPARATION

Wood should be strong. There can be no flex in the floor. Put enough screws into floor (every linear foot should be screwed down). Patch all the seams with Liquid Wood Epoxy Gel 2010. Preferably use Fiberglass tape (4" width) on all the seams. That will make the seams strong and help prevent cracking at the seams. Put the epoxy gel on the seams with putty spatula. Lay down the fiberglass. Press it down. Apply Liquid Wood Epoxy Gel 2010 on the top and feather it out with the spatula. Let it cure. Sand it. Clean it and apply Liquid Wood Epoxy 2000.

MIXING RATIO

- For your convenience the Mixing ratio is 2 Parts Base : 1 Part Hardener by volume. Use a drill with jiffy mixer at slow speed (200 RPM). Mix thoroughly scraping sides and bottom.
- Or Mix by hand with a mixing paint stick or spatula. Mix thoroughly scraping sides and bottom. The time to mix with drill or by hand should not be more than 3 Minutes. Mix only enough material that you can handle. 1½ Gallon Kit (1 gallon Base : ½ gallon Hardener) Coverage approximately 150 sq. ft.

Once the Epoxy is mixed, do not leave it in the container. Immediately pour it on the floor against the farthest wall from the door or exit, in the form of long lines. Spread the epoxy with a roller or squeegee at the rate of 100 sq. ft. per gallon.

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