

# PENETRATING EPOXY SEALER

Low-Viscosity Epoxy Sealer for Wood and Porous Surfaces



## PRODUCT INFORMATION:

Penetrating Epoxy Sealer is a low-viscosity epoxy formulation that penetrates deep into rotten or damaged wood, restoring structure and providing a moisture resistant solid base for additional repairs.

## Application Tips

- 2A:1B mix ratio
- Low odor and no solvents
- Able to dilute to 50% with denatured alcohol or lacquer thinner
- Ideal for wooden surfaces, frame work and deck repair
- For best results working temp should be between 65°-80°F



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# Additional Product Information

MAS Epoxies Penetrating Epoxy Sealer is an easy two-part system developed to penetrate soft, rot damaged wood, while restoring strength and structure to create a solid base. Coat new wood and damaged areas creating a 100% waterproof sound base for paint and additional repairs. This simple solution is available in 1.5 pint, 1.5 quart kits.

The penetrating power of this epoxy resin system is superior to most competing products on the market, but can be dramatically improved by diluting it with common paint solvents such as denatured alcohol, lacquer thinner or acetone. The mixed epoxy and hardener may be diluted with as much as an equal volume of solvent. This simple solution doubles the penetrating power of the MAS penetrating Epoxy Sealer.

This system is highly recommended for use prior to using our Deep Pour epoxy. Penetrating epoxy creates a great seal coat that prevents any bubbles or foam that wood can produce from moisture content.

## Application Instructions:

### Prepare Surface

Lightly sand surface with 80-120 grit sand paper if able to. Clean off any dust or contamination. Wipe down surface with a solvent such as denatured alcohol or acetone.

### Mix Epoxy

Mix thoroughly at a 2A:1B Resin to Hardener mix ratio for 2-3 minutes. Ensure proper by scraping sides of mixing cup.

### Pour and Spread

Pour, brush or roll mixed epoxy onto the surface. Spread epoxy over entire surface to ensure proper coverage. Epoxy will appear to be very thin and will soak into surface creating a moisture resistant barrier.

### Allow Epoxy to Cure

Allow epoxy to fully cure for 24 hours. Once cured, lightly sand surface with 80-120 grit sandpaper and wipe down with denatured alcohol for a clean surface.

PES PROPERTIES	Value	Test Method
Resin Density at 75°F, lbs/gal	9.5	ASTM D1475
Hardener Density at 75°F, lbs/gal	8.1	ASTM D1475
Resin Viscosity at 75°F, cP	270	ASTM D2196
Hardener Viscosity at 75°F, cP	20	ASTM D2196
Mix Ratio by Weight	100A:43B	Calculated
Mix Ratio by Volume	2A:1B	Calculated
Initial Mixed Viscosity at 75°F, cP	150	ASTM D2196
Gel Time at 75°F, 150 gram mass, min	25-30	ASTM D2471
Tack Free Time at 75°F, hours	10-12	--
Full cure at 75°F, days	4	--