

Premium No-Blush™ Epoxy TECHNICAL DATA

SOLVENT-FREE MARINE EPOXY

Protective Coating
Sealant
Patching

Solvent-Free
Easy 3:2 Mixing Ratio
Contains no carcinogens
Cycloaliphatic Curing System
Non Hazmat to Ship

<p>STANDARD PRODUCT DESCRIPTION</p>	<p>Premium No-Blush™ is a 100% solids, USDA acceptable, amber epoxy coating system specially formulated to provide the right amount of flexibility versus brittleness while maintaining an attractive medium viscosity and medium pot life. It is designed for high performance in many general applications including marine/boating applications. Premium No-Blush can also be used as a surface resealer or for epoxy pebble stone walkways. Premium No-Blush will bond to damp surfaces and is resistant to battery acid, gas, oil and sludge. This product can be thickened with ordinary thickeners and is pigmentable.</p>
<p>USES</p>	<p>Marine environments Docks, fiberglass and wood boats to repair or build Resealing epoxy pebble walkways</p>
<p>FEATURES</p>	<p>Nonblushing Convenient 3 to 2 ratio by volume (1 to .62 by weight) base/cure Friendly flex and brittleness properties Medium pot life - medium cure</p>
<p>VISCOSITY</p>	<p>Viscosity at 72°F: Part A: 900 cps Part B: 400 cps Mixed: 600 cps</p>
<p>PHYSICAL PROPERTIES</p>	<p>COMPRESSIVE STRENGTH ASTM D695 9,500 psi TENSILE STRENGTH ASTM D638 7,600 psi ABRASION RESISTANCE: CS-17 WHEEL, 1 kg LOAD ASTM D4060 0.25 gm loss WATER ABSORPTION ASTM D570 0.28 % (2 hour boil) FLEXURAL STRENGTH ASTM D790 5,800 psi SHORE D HARDNESS ASTM D2240 88 HEAT DISTORTION ASTM D649 129° F TEMPERATURE BOND STRENGTH TO CONCRETE 100% concrete failure LAP SHEAR 1,800 psi</p>

SOLVENT-FREE COATINGS FOR TOUGH ENVIRONMENTS

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CURE SCHEDULE	POT LIFE @ 75°F approx. 60 minutes TACK FREE 3 hours FULL CURE 36 hours
SURFACE PREPARATION	Surface to be topcoated must be clean and free of oils, grease and loose contamination.
APPLICATION	<p>Mix Premium No-Blush epoxy base with the Premium No-Blush curing agent. Use a mechanical mixer if possible to ensure thorough mixing. The mixing ratio is 3/2 (base/curing agent) by volume or 1/0.62 by weight. Premium No-Blush does not require a 'sweat-in' or induction time and the mixed components should be used immediately.</p> <p>Potlife is approximately 60 minutes at 75°F, so mix only the amount of epoxy that can be easily applied within that time limit. Apply using a brush, roller, or squeegee.</p> <p>Premium No-Blush is a flowable coating and is suitable for horizontal surfaces. For vertical surfaces, add thickener to the Part A epoxy base before adding Part B curing agent.</p>
NOTES	Unless top-coated with a UV absorber, this epoxy will yellow in sunlight. Part A may crystallize over time. Warm gently to restore. Can be thickened with standard epoxy thickening agent.
TEMPERATURE	Temperature will exert a considerable influence on the rate of curing of chemically cured coatings such as Premium No-Blush epoxy. In broad terms expect each 10°C, (18°F), rise or fall in temperature to half or double dry times and pot lives.
TRANSPORT	Nonregulated by USDOT, IATA & IMO.

SAFETY: This is a hazardous material if misused. Read and understand the Material Safety Data Sheet (MSDS) before use.

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Manufactured by:
ERC in RI

Distributed by:
Progressive Epoxy Polymers, Inc.
48 Wildwood Dr.
Pittsfield, NH 03263-3406

Tel: 603-435-7199
Fax: 603-435-7182
www.epoxyproducts.com
info@epoxyproducts.com