

Cold Coat™ Epoxy TECHNICAL DATA

SOLVENT-FREE EPOXY COATING

Cold Weather Application
Solvent-Free
Easy 2:1 Mixing Ratio
Contains no carcinogens

<p>STANDARD PRODUCT DESCRIPTION</p>	<p>Cold Coat™ is a 100% solids, epoxy coating system designed for general marine/boating, commercial applications. It is designed for cold weather applications.</p>
<p>USES</p>	<p>Boatbuilding/Repair Tanks, pits, sumps, marine barrier coat</p>
<p>FEATURES</p>	<p>Excellent chemical resistance Convenient 2 to 1 ratio by volume (base/cure) Superior adhesion to cold, damp surfaces Cures at low temperatures</p>
<p>PHYSICAL PROPERTIES</p>	<p>COLOR Dark Green COMPRESSIVE STRENGTH ASTM D695 6,500 psi TENSILE STRENGTH ASTM D638 5,000 psi ELONGATION AT BREAK ASTM D638 7-8 % COVERAGE 125 - 150 square feet per gallon CS-17 WHEEL, 1 kg LOAD ASTM D4060 0.14 gm loss WATER ABSORPTION ASTM D570 < 1% (2 hour boil) FLEXURAL STRENGTH ASTM D790 7,200 psi SHORE D HARDNESS ASTM D2240 75-80 HEAT DISTORTION ASTM D649 78-85° F TEMPERATURE</p>

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CURE SCHEDULE	POT LIFE @ 50°F approx. 60 minutes (6 oz.); approx. 30 minutes @ 75°F (6 oz) FULL CURE 7 days
SURFACE PREPARATION	Surface to be topcoated must be clean and free of oils, grease and loose contamination.
APPLICATION	Mix Cold Coat epoxy base with the Cold Coat curing agent. Use a mechanical mixer if possible to ensure thorough mixing. The mixing ratio is 2/1 (base/curing agent) by volume. Cold Coat does not require a 'sweat-in' or induction time and the mixed components should be used immediately. Potlife is approximately 60 minutes at 50°F (6 oz.), so mix only the amount of epoxy that can be easily applied within that time limit. Apply using a brush, roller, or squeegee.
NOTES	Can be thickened with standard epoxy thickening agent. Can be thinned with Xylene, MEK, Lacquer thinner, or Acetone for low viscosity.
TEMPERATURE	Temperature will exert a considerable influence on the rate of curing of chemically cured coatings such as Cold Coat 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	Epoxy base - Regulated by USDOT, IATA & IMO. Curing agent - USDOT, IATA & IMO "Regulated". Class 8, Packing group III, UN 2735, Corrosive. Curing agent quantities of under 4 liters is ORM-D exempt for ground shipment.

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

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