

Cold Coat™ Epoxy TECHNICAL DATA

SOLVENT-FREE EPOXY COATING

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

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| <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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