



TECHNICAL DATA SHEET
Product Name: Marine WB EPX™

Product Description:

MarineCoat WB EPX™ is a 2K waterborne aliphatic epoxy system for marine use in harsh environmental conditions. It is a non-VOC formulation is used as a self-priming durable top-coating system to protect wood, gel-coated fiberglass, metal and generally most other marine substrates. This material may be used above or below water level. The coating system is generally an all-in-one friendly to use corrosion protection coating system. The coating will normally dry within 15 minutes depending on humidity, ambient temperature and applied thickness. Once mixed with an easy 1A:1B ratio pbv it maintains an 8 hr pot life if covered properly in between uses. This epoxy is basically odorless for close quarter's tight space application areas and it provides for easy cleanup with initially rinsing with water then final clean up with denatured alcohol.

- Marine grade durability, high performance adhesion and quick application with fast drying.
- Excellent UV and chemical resistance, above or below water level application.
- Corrosion protection, color retention, slick surface feel and appearance.
- A universal all-in-one fast-dry protective self-priming and top-coating easy to use system.

Material Property Values and Application Requirements Table

Property	*Values relative to density	Test Method
Tensile Strength	3750 Flex ; 8100 Hard psi	ASTM D412
Flex Modulus	125k Flex ; 450k Hard psi	ASTM D790
Abrasion Resistance	75 mg loss /1000 cycles	ASTM D4060 (CS-17)
Heat Deflection Temp.	150 F (63°C)	ASTM D648
Elongation	15 %	ASTM D412
Salt Spray	1000 h+, no damage	ASTM D714
Application: 90 psi pressure pot spray, hand batch mix rollable or brush.		
Typical Mixing Ratio 1A:1B pbv, For Slow and Flexible version 1A:2B. Power mix stir B-Side slowly until uniform color and viscosity prior to use.		
Surface Preparation: clean, dry, but may be very slightly damp, no residual cleaner or other contaminates, approved surface type, installation ambient temp. 46F(8°C)- 104F(40°C), <60% ambient humidity, surface temp. 46F(8°C)- 90F(32°C).		
Tack Free Gel Time = 15-30 min. depending on ambient.		
Functional operation temperature: -40F(-40°C)- 120F(48°C)		
Coverage: wet film 4-6 mils as primer, 8-10 mils top-coat, 300 sqft. @ 0.008 mils/gal. Additional coats may be applied after 24 hrs.		
See SDS for material safety data. Must wear eye goggles, respiratory protection, gloves, etc.		
KEEP MATERIAL FROM FREEZING, moisture-free temperature controlled storage 12°C- 32°C, 12 month shelf life if never opened.		
Packaging: Tote set 550 gal (4900 lbs), 100 gal Drum set (900 lbs), 10 gal Pail set (90 lbs)		

Please contact our Engineering and/or Technical Support Groups with any questions.

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