



**TECHNICAL DATA SHEET**  
**Product Name: ProCoat WB 4000™**

**Product Description:**

ProCoat WB 4000™ is a waterborne 2K quick-dry aliphatic epoxy system delivering excellent chemical resistance with superior adhesion. This 75% solids formulation with no VOC does not relinquish odor during application and may be formulated with variations of hardness and flexibility. It is engineered to be used as a primer for many of our coating systems or as a self-prime/finish coat on metal, wood, fiberglass, concrete, masonry, asphalt. It is available in clear or colors and also added anti-microbial. This unique chemistry provides a universal all-in-one protective top-coating system. It may be applied on slightly damp surfaces and formulated also as an anti-corrosive coating on bare steel or iron. The material dry within 15 minutes depending on humidity, ambient temperature and applied thickness but retains a long 8 hr. pot life when covered. Full cure is achieved under normal conditions in 24 hours.

- Quick drying permits fast coating turnaround with productivity and efficiency.
- Long-lasting and durable, excellent color retention and slick surface.
- A superior waterborne universal easy cleanup coating for a tremendous array of applications.
- 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 contaminants, 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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