



**TECHNICAL DATA SHEET**  
**Product Name: ClearCoat 3000™**

**Product Description:**

ClearCoat 3000™ is a superior long-lasting high performance aliphatic 2K reactive Clear Coat coating system. This optically clear chemical system delivers high resistance to acids and alkali, abrasion and impacts. This customizable system offers available designed to suit combinations of hardness and flexibility maintaining a bright and shiny appearance which stays brilliant under extreme weathering. Its adjustable fast-set 2K reactivity provides very efficient production oriented efficiency with high film thickness build in single pass operation. This coating system provides ease of repair if damaged. Its sister product is ProCoat 3000 for surfaces which just require color tinting. A primer may be required depending on type of substrate. Chemistry available in rollable or sprayable.

- Tremendous increase in productivity, fast-set cure, increased efficiency, fast return to service
- Long-lasting durability and performance, excellent color retention in harsh UV
- High film build in single operation, ease or repair,
- For wind turbine blades, marine applications, bridges, stadiums, buildings, construction, architectural elements, chassis, heavy equipment, trains, snowmobiles, surfboards, airplanes.

**Material Property Values and Application Requirements Table**

Property	*Values relative to density	Test Method
Tensile Strength	3500 Flex ; 4200 Hard psi	ASTM D412
Flex Modulus	100k Flex ; 250k Hard psi	ASTM D790
Abrasion Resistance	50 mg loss /1000 cycles	ASTM D4060 (CS-17)
Hardness	Shore D: 50 Flex ; 75 Hard	ASTM D785
Elongation	100 Flex ; 250 Hard %	ASTM D412
Application: 90 psi low pressure gear pump with static mixer dispenser machine, 2k hand-held pneumatic cartridge gun, hand batch mix, rollable or brush. Fast-set Sprayable version available. 1-2 coats are typical final film Make 1 pass for desired thickness**		
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 and dry, no residual cleaner or other contaminates, approved surface type, primer is usually required, installation ambient temp. 46F(8°C)- 104F(40°C), <60% ambient humidity, surface temp. 46F(8°C)- 32F(90°C).		
Tack Free Gel Time = 20-45 min. depending on version reactivity. Sprayable = 5-15 sec.		
Functional operation temperature: -40F(-40°C)- 120F(48°C), Zero VOC.		
100% Solids Coverage: 0.016 mils per 100 sqft. Additional coats may be applied within 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. After opening reseal with Nitrogen blanket.		
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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