



DC920 EXTERIOR POLYURETHANE TOPCOAT

TOPCOAT

Epic DC920 is a high quality product used as the topcoat in the Epic Exterior Deck Coating System. This product features excellent weather and water resistance and can be used in many different applications, including balconies, parking decks and any other areas where a highly abuse and wear resistant surface is desired.

Epic DC920 can be used alone as a protective and UV resistant maintenance coating or can also be used in conjunction with Epic 900 series exterior products such as DC900 Waterproof Membrane and Epic DC910 Exterior Polyurethane Body Coat. When used in conjunction with elastomeric base membranes, such as the DC 900 Waterproof Membrane, the system contracts and expands with variation in temperatures to accommodate movement.

Features and Benefits

- Single-component formulation
- UV resistant, non-yellowing
- Excellent weather and water resistance
- Quick cure time
- Excellent hide with one coat application.
- Easy application
- Color stable
- High abrasion resistance

Package Size: 5 Gallon Pail

CURE TIME @ 77°F, 50% R.H.	@ 10 mils, - 16-24 hours
MIX RATIO BY VOLUME	One component – mix well before using.
COVERAGE, Sq. Ft./Gal	80-100 sq. ft (typical)
VOC CONTENT	250 g/l Calculated
STANDARD COLOR	Storm Gray, Fawn. Custom Colors are available.

Property	Typical Value	Test Method
Service Temperature Range	-30F – 180F	
Thermal Shock	No loss of adhesion	Alternate heat/cold cycle
Weathering Resistance	No chalking @ 2000 hours	ASTM G-23

Property	Typical Value	Test Method
Solids Content (Mixed)	78 ± 2%	ASTM D-1353
Weight Per Gallon (Mixed)	9.7 lbs.	ASTM D-1475
Viscosity @ 77°F	25-35 poise	ASTM Brookfield
Flash Point	Above 116°F	ASTM D-93
Tensile Strength	3300 +/- 300 psi	ASTM D-412
Ultimate Elongation	200 +/- 50%	ASTM D-412
Hardness Shore A	90 +/- 5	ASTM D-2240
Tear Resistance	350 +/- 50 lbs/in	ASTM D-1004
Water Vapor Permeability	0.1 perms	ASTM D-96
Adhesive Bond Strength	30 pli to base coat	
Water absorption	less than 1%	ASTM D-543
Chemical resistance	Excellent	ASTM D-2299
Chemical resistance	Excellent	ASTM D-2299
Abrasion Resistance, inch loss	less than 0.002	ASTM C-502 Tabor Abrasion, 1000 Rev. with 1000Gm

MIXING AND APPLICATION INSTRUCTIONS (DC920)

INSTALLATION: Surface Preparation: All surfaces to be coated with DC920 must be thoroughly dry and free of all contaminants, including oxidation on old topcoats or base coats as well as construction debris or deposits. As a moisture cure product, the relative humidity should be greater than 30% and less than 90% during the application and cure of the product.

APPLICATION: DC920 is normally applied at a rate of 80-100 square feet per gallon, per coat, resulting in a film thickness of 16 to 20 wet mils. Coverage will vary depending on the aggregate size, texture or degree of surface porosity. The larger the aggregate used, the lower the coverage due to the greater surface area being covered. DC920 is easily applied by squeegee, roller, or notched trowel. Always follow by back rolling.

CURING TIME: At 50% relative humidity and 77°F, the coating will be dry to the touch within 16 hours. Traffic should not be allowed on the finished coating for 24 hours. Epic DC Accelerator may be added to DC920 to allow for light traffic on decks within a matter of hours. Please refer to the Technical Bulletins on Epic Accelerator or contact Epic.

PRECAUTIONS: Before using this product, read the container precautionary label and the SDS data sheet carefully. Exposure to urethanes or petroleum solvents may cause allergic skin or respiratory reaction. Do not get into eyes, onto skin, or clothing. If contact occurs, flush affected areas with soap and water. Wash clothing before reuse. Use only with adequate ventilation. Seek medical help for all-over exposures.

LIMITATIONS: Containers that have been opened must be used within one or two days since the product is a moisture-reactive material that will gel or set up when exposed to moisture in the air. Keep lid tightly sealed when material is not in use.

SHELF LIFE: Twelve (12) months after manufacture when continuously stored indoors in unopened metal pails at temperatures under 80°F. Stir thoroughly prior to use.

NOTICE TO BUYER: DISCLAIMER OF WARRANTIES AND LIMITATIONS ON OUR LIABILITY

LIMITED WARRANTY Epic warrants this product to be free of defects in workmanship and materials only at the time of shipment from our factory. If any Epic materials prove to contain manufacturing defects that substantially affect their performance, Epic will, at its option, replace the materials or refund its purchase price. This limited warranty is the only warranty extended by Epic with respect to its materials. There are no other warranties, including the expressed or implied warranty of merchantability and fitness for a particular purpose. Epic specifically disclaims liability for any incidental, consequential, or other damages, including but not limited to, loss of profits or damages to a structure or its contents, arising under any theory of law whatsoever. The dollar value of Epic's liability and buyer's remedy under this limited warranty shall not exceed the purchase price of the Epic material in question. Such information supplied about our products is not a representation or a warranty. It is supplied on the condition that you shall make your own tests to determine the suitability of our product for your particular purpose. Any use or application other than recommended herein is the sole responsibility of the user. Listed physical properties are typical and should not be construed as specifications. NO WARRANTY IS MADE THAT THE USE OF SUCH INFORMATION OR OUR PRODUCT WILL NOT INFRINGE UPON ANY PATENT. Acceptance of delivery of our product means that you have accepted the terms of this warranty whether or not purchase orders or other documents state terms that vary from this warranty. No representative is authorized to make any representation or warranty or assume any other liability on our behalf with any sale of our products. Our products contain chemicals that may CAUSE SERIOUS PHYSICAL INJURY. BEFORE USING, READ THE MATERIAL SAFETY DATA SHEET AND FOLLOW ALL PRECAUTIONS TO PREVENT BODILY HARM.