



DC910 DECK COATING BROADCAST BINDER

EXTERIOR BROADCAST BINDER

Epic DC910 is a highly durable polyurethane coating designed to receive aggregate in Epic Exterior Deck Coating systems. This product exhibits excellent coating ability and adhesive properties when used as a broadcast base. Designed for use prior to the application of Epic DC920 Topcoat.

Features and Benefits

- Designed for demanding exterior applications
- High strength and adhesion
- Excellent coating and body for aggregates
- Tolerates extreme environmental conditions
- Single-component formulation
- Easy application and rapid curing
- For use on concrete and plywood decks, parking structures, balconies, etc.
- Provides protection against water damage

Package Size: 5 Gallon Pail

CURE TIME @ 77°F, 50% R.H.	@ 20 mils, - 16-24 hours
MIX RATIO BY VOLUME	One component – mix well before using.
COVERAGE, Sq. Ft./Gal	80-110 sq. ft (typical)
VOC CONTENT	250 g/l
STANDARD COLOR	Gray and Beige. Other colors are available upon request.

Property	Typical Value	Test Method
Solids Content (by weight)	78 ± 2%	ASTM D-1353
Weight Per Gallon	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	225 +/- 50%	ASTM D-412
Hardness Shore A	90 +/- 5	ASTM D-2240
Tear Resistance	300 +/- 50 lbs/in	ASTM D-1004
Water Vapor Permeability	0.3 perms	ASTM D-96
Adhesive Bond Strength	30 pli to base coat	

MIXING AND APPLICATION INSTRUCTIONS (DC910)

INSTALLATION: Surface Preparation: All substrates must be free of all contaminants and should be primed with Epic DC110 Primer prior to the application of DC910 Exterior Polyurethane Bodycoat. This product is moisture cured, therefore, relative humidity should be greater than 30% and less than 90% during application and curing. In order to ensure a smooth and level surface, Epic DC910 should be applied in a monolithic coat in a designated application area, avoiding breaks and edges. This will also help to alleviate lines and marks.

APPLICATION: DC910 is normally applied at a rate of 80 to 110 square feet per gallon, per coat, resulting in a 15 to 20 mil wet film thickness. If more than one coat is required, allow a minimum of 16 hours and a maximum of 48 hours cure time between coats. DC910 is easily applied by roller, notched squeegee or notched trowel. Always follow by back rolling. Application should not commence unless the ambient temperature is 40°F or higher and should not proceed during inclement weather. DC910 is prior to the application of Epic DC920 Topcoat. Epic DC Accelerator may be added to DC910 when shorter cure times are required. Please refer to Technical Literature on Epic DC Accelerator or contact Epic for details.

SHELF LIFE: Nine (9) months after manufacture when continuously stored in unopened metal pails at temperatures less than 80°F. Stir thoroughly prior to use.

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. A polyethylene sheet should be used as a blanketing material prior to re-sealing the lid on a partially used container. Prior to the application of DC910, proper surface preparation procedures must be followed. Epic DC110 epoxy primer/sealer should be used prior to application of DC910 Polyurethane Bodycoat. Review technical bulletins for additional information. Epic DC910 cures faster when applied in conditions of warm temperatures and high humidity and slower in cool and low humidity environments.

PRECAUTIONS: Before using this product, read the container precautionary label and SDS sheet carefully. Exposure to urethanes or petroleum solvents may cause allergic skin or respiratory reactions. 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. THIS PRODUCT IS FOR PROFESSIONAL USE ONLY.

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.