



DC725 Protective Acrylic Sealer & Waterproofing

SEALER

PRODUCT DESCRIPTION:

EPIC DC725 is a one-component clear solvent-based waterproofing sealer for application to porous substrates such as concrete or cement for the purpose of protecting the surface from stains and the preventing the penetration of water. The product features an attractive high gloss finish and has a fast set time. Can be used indoors or outdoors.

SOLIDS BY WEIGHT: 28% (+/- 2%)

SOLIDS BY VOLUME: 21% (+/- 2%)

VOLATILE ORGANIC CONTENT: VOC<580 grams/liter

COLORS AVAILABLE: This product is available in a clear only

RECOMMENDED FILM THICKNESS: 3-6 mils wet (0.6 – 1.3 mils dry)

COVERAGE PER GALLON: 267-534 square feet @ 3-6 mils wet thickness

PACKAGING INFORMATION This product is available in 5 gallons and 55-gallon containers. (volumes approximate)

MIX RATIO: One component product, stir well before using

SHELF LIFE: 1 year in unopened containers

IMPACT RESISTANCE: Gardner Impact, direct = 50 in.lb. (passed)

FLEXIBILITY: No cracks on a 1/8" mandrel

ADHESION: 380 psi @ elcometer (concrete failure, no delamination)

VISCOSITY: Less than 150 poise (typical)

DOT CLASSIFICATIONS: Flammable Liquid N.O.S. PGII

PRIMER: None required.

TOPCOAT: None required. Multiple coats of this product are compatible.

CURE SCHEDULE: (70°)	
Tack Free (Dry to Touch)	< 1 hour
Recoat or Topcoat	1-3 hours
Light Foot Traffic	3-5 hours
Full Cure (Heavy Traffic)	2-3 days
Application Temperature: 60-90°F with relative humidity below 85%	

CHEMICAL RESISTANCE	
Reagent	Rating
Gasoline	1
Brake Fluid	1
Used motor oil	5
DI water	5
Rating key: (film damage) 1 = severe -> 5 = no damage	

STAIN RESISTANCE	
REAGENT	RATING
Kool-Aid	9
Mustard	9
Chocolate	10
Ketchup	10
Coal Tar	0
Rating Key: 10= excellent stain resistance -> 0 = no stain resistance	

MIXING AND APPLICATION INSTRUCTIONS: EPIC DC725 Clear Solvent Based Acrylic Sealer

PRODUCT STORAGE: Store product in an area so as to bring the material to normal room temperature before using. Continuous storage should be between 60 and 90 degrees F. Keep from freezing.

SURFACE PREPARATION: Surface preparation will vary according to the type of substrate. It is recommended to properly prepare substrate by either mechanical scarification or acid etching in order to remove all dirt, oil, dust, foreign contaminants in order to ensure a trouble-free bond to the substrate. A test should be made to determine that the concrete has an appropriate vapor barrier. This can be done by placing a 4'X4' plastic sheet on the substrate and taping down the edges. If after 24 hours, the substrate is still dry below the plastic sheet, then the substrate does not show signs of eventual hydrostatic pressure problems that may later cause disbonding. Epic DC540 Moisture Block can be used over substrates that require a moisture barrier.

PRODUCT MIXING: This product should be stirred well before use. Mix with slow-speed mixing equipment to avoid introducing air into the material.

PRODUCT APPLICATION: The material can be applied by brush or roller. Maintain temperatures and humidity within the recommended ranges during the application and curing process. Always apply a test area to determine the suitability of the product before use.

RECOAT OR TOPCOATING: DC725 can be applied in multiple coats. If you opt to recoat this product, you must first be sure that all of the solvents have evaporated from the previously applied DC725, prior to applying additional coats. Always test the coating before recoating. This can be done by pressing on the coating with your thumb to verify that no fingerprint impression is left. If no impression is created, then the recoat or topcoat can be started. Always remember that colder temperatures will require more cure time for the product before recoating can commence. We do not recommend any coatings be placed over this product except multiple coats of this product itself.

LIMITATIONS: Clarity of color or gloss may be affected by high humidity, low temperatures, or chemical exposure. For best results use a good quality roller. Slab on grade requires a moisture barrier. Substrate temperature must be 5°F above the dew point. All new concrete must be cured for at least 30 days. Do not apply this product to areas where there is standing water or damp concrete. Too thick of an application may result in solvent entrapment and subsequent product failure. Solvent exposure can damage the coating. Always apply a test area to determine the suitability of this product before using it.

CLEANUP: xylene/xylol

FLOOR CLEANING: Some cleaners may affect the color or physical properties of the applied product. Test each cleaner in a small area, utilizing your cleaning technique. If no ill effects are noted, you can continue to clean with the product and process tested.

CONSIDERATIONS: Restrict the use of the floor to light traffic and non-harsh chemicals until the coating is fully cured (see technical data under full cure). It is best to let the floor remain dry for the full cure cycle.

NOTICE TO BUYER: DISCLAIMER OF WARRANTIES AND LIMITATIONS ON OUR LIABILITY We warrant that our products are manufactured to strict quality assurance specifications and that the information supplied by us is accurate to the best of our knowledge. 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, EXPRESSED OR IMPLIED, REGARDING SUCH OTHER INFORMATION, THE DATA ON WHICH IT IS BASED, OR THE RESULTS YOU WILL OBTAIN FROM ITS USE. NO WARRANTY IS MADE, EXPRESSED OR IMPLIED, THAT OUR PRODUCT SHALL BE MERCHANTABLE OR THAT OUR PRODUCT SHALL BE FIT FOR ANY PARTICULAR PURPOSE. NO WARRANTY IS MADE THAT THE USE OF SUCH INFORMATION OR OUR PRODUCT WILL NOT INFRINGE UPON ANY PATENT. We shall have no liability for incidental or consequential damages, direct or indirect. Our liability is limited to the net selling price of our product or the replacement of our product, at our option. 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. COPYRIGHT 8/3/19 Epic Building Products.