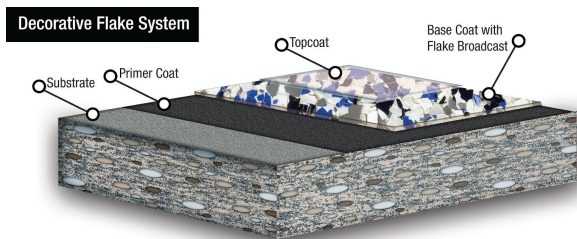




Flake Decorative Coating System™

Decorative Flake System is a decorative and extremely durable concrete resurfacing system. It is used for environments requiring an attractive, aesthetically pleasing, high performance floor.

The system described below is EPIC's standard system. However, EPIC has several other product options (components) which may be substituted in order to suit your individual performance needs. Consult your EPIC sales representative for details.



BENEFITS

- Suitable in many chemical exposure environments
- Interior or exterior use
- Good color stability with saturated chip application
- Excellent wear characteristics
- Engineered chemistry to increase UV resistance
- Typical application of approximately 18 to 36 mils

RECOMMENDED FOR

- Industrial or manufacturing areas
- Pharmaceutical manufacturing
- Commercial Areas
- Auto repair shops
- Aeronautical hangars
- Animal care areas

Multiple Options Available

*Refer to individual data sheets for specific product properties, preparation, mixing and application instructions as well as product limitations, limitations on liability, warranty information, and common chemical resistance information.

SYSTEM COMPONENTS (approx 16 to 36 mils)

Use	Interior	Exterior
Primer Coat	DC130 Epic High Build Epoxy	DC110 Epic Water Based Epoxy Primer-Fast Cure
Body Coat	DC130 Epic High Build Epoxy	DC910 Epic Exterior Polyurethane
Broadcast Aggregate	Full Decorative Flake Chips	Full Decorative Flake Chips
Top Coat	DC320 Epic Polyaspartic Clear	DC920 Epic Exterior Polyurethane

PHYSICAL PROPERTIES

Property	Result/Test Method
Adhesion	43 0 psi (concrete failure)
Flexural Strength	8,200 psi /ASTM D790
Compressive Strength	8,300 psi /ASTM D695
Tensile Strength	3,800 psi /ASTM D638
Elongation	2.8 %
Impact Resistance	50 inch lbs. Direct
Abrasion Resistance	20 mg/CS-17 1000/500
Gloss	>70/Glossmeter
Application Temperature	60° to 90° F

EPIC also has available several crack fillers, joint sealant and other support products. Please inquiry with your sales representative for more information on these products.

SURFACE PREPARATION: Surface preparation will vary according to the type of complete system to be applied. For a complete system build higher than 10 mils dry, we recommend a fine brush blast (shot blast). All dirt, oil, dust, foreign contaminants and laitance must be removed to assure 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 disbanding. However, the primer can be applied to a damp floor as long as there are no standing puddles.

PRIMER MIXING: This product comes pre-packaged by weight. Kits should be mixed in their entirety. If partial kits are to be used, refer to the front of this technical data for proper weight mix ratios. After the two parts are combined, mixes well with slow speed mixing equipment such as a jiffy mixer until the material is thoroughly mixed and streak free. This product is an emulsion product and should be mixed well before using.

PRIMER APPLICATION: The mixed material can be applied by brush or roller. Maintain temperatures within the recommended ranges during the application and curing process. Apply material with relative humidity within the parameters shown on the technical data. When the end of the pot life has been reached, you will find that the material becomes hard to apply and will actually tend to roll back up onto the roller. Do not try to continue application when the coating has reached this step. Applications made at different times with differing environmental conditions, may show slight variations in gloss.

TOPCOATING THE PRIMER: When you topcoat the primer, you must first be sure that all of the solvents and water has evaporated from the coating during the curing process. The information on the front side of the individual data sheet are reliable guidelines to follow. However, it is best to test the coating before topcoating. 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 topcoating can commence. Before topcoating, check the coating to insure no epoxy blushes were developed (a whitish, greasy film or deglossing). If a blush is present, it must be removed prior to topcoating or recoating. A standard type detergent cleaner can be used to remove any blush.

PRIMER CLEANUP: Use PM solvent

BODY COAT (BUILD COAT) PRODUCT MIXING: This product has a mix ratio of 12# part A to 4.15# part B or two parts A to one part B by volume for standard colors. Standard packages are in pre-measured kits and should be mixed as supplied in the kit. We recommend

that the kits not be broken down unless suitable weighing equipment is available. After the two parts are combined, mix well with slow speed mixing equipment such as a jiffy mixer until the material is thoroughly mixed and streak free. After mixing, transfer the mixed material to another pail (the transfer pail) and again remix. The material in the transfer pail is now ready to be applied on the primed substrate. Improper mixing may result in product failure.

BODY COAT & BROADCAST APPLICATION: The mixed material can be applied by brush or roller. However, the material can also be applied by a suitable serrated squeegee and then back rolled as long as the appropriate thickness recommendations are maintained. Maintain temperatures and relative humidity within the recommended ranges during the application and curing process. If concrete conditions or over aggressive mixing causes air entrapment, then an air release roller tool should be used prior to the coating tacking off to remove the air entrapped in the coating. Broadcast: While material is wet broadcast decorative flake by hand in an upward motion.

TOPCOAT (Wear Coat) PRODUCT MIXING: This product has a three to two mix ratio by volume, mix three gallons of part A with 2 gallon part B. (volumes approximate) After the two parts are combined, mix well with slow speed mixing equipment such as a jiffy mixer until the material is thoroughly mixed and streak free. Avoid whipping air into the coating. Improper mixing may result in product failure.

TOPCOATING BODY COAT (BUILD COAT) : After the Body Coat has cured, pull a flat blade squeegee across the surface to break off any upward protruding chips and sweep off any loose chips before topcoat. The mixed topcoat material can be applied by brush or roller. Maintain temperatures within the recommended ranges during the application and curing process. It is best to maintain a wet edge to avoid roller marks. Direct sunlight or high temperatures may cause visible roller marking during application. Too thick of an application may result in product failure. Exposure to certain types of lighting such as sodium vapor lights may cause the product to discolor. Topcoat within 24 hours to insure a proper bond. If topcoating after 24 hours, it is recommended to degloss the Body coat prior to applying the final topcoat.

CLEANUP: Use xylol.

FLOOR CLEANING: Caution! Some cleaners may affect the color of the floor installed. 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.

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 degree F. Keep from freezing.

RESTRICTIONS: 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. 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.**