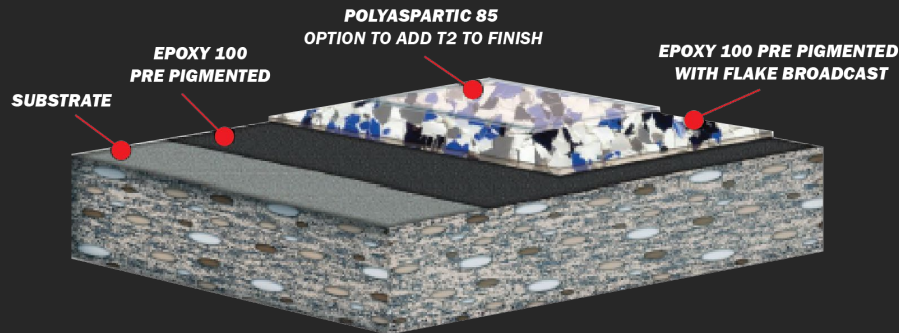


DECORATIVE FLAKE SYSTEM

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.



SYSTEM COMPONENTS

(approx. 25 to 36 mils)

	Product	Mix Rate	Coverage
Primer Coat	Epoxy 100	2:1	133 sf/gal
Aggregate Broadcast	Flake / Chips	40 lb box	300-350 sf/box
Grout Coat	Epoxy 100	2:1	133-200 sf/gal
***Optional			
Topcoat	Polyaspartic 85 T2 MCM optional***	1:1	150-200 sf/gal

Multiple Options Available

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

PHYSICAL PROPERTIES

Property	Test Method	Result
Adhesion		350 psi (concrete failure)
Flexural Strength	ASTM D790	5,400 psi
Compressive Strength	ASTM D695	9,100 psi
Tensile Strength	ASTM D638	4,800 psi
Elongation		3.1%
Impact Resistance		50 inch lbs. direct
Abrasion Resistance	CS-17 1000/500	22 mg
Gloss	Glossmeter	>70
Application Temperature		60° to 90° F

ADVANTAGES

- Suitable in many chemical exposure environments.
- Great physical characteristics.
- Good color stability with saturated chip application.
- Excellent wear characteristics.
- Engineered chemistry to increase UV resistance.
- Typical application of approximately 18 to 36 mils.
- Compliant with low volatile organic compounds (VOC) standards.
- High gloss and chemical resistance properties.
- Exhibits excellent elongation and abrasion resistance.
- Impermeable and mold resistant.

RECOMMENDED FOR

- Distribution centers, manufacturing, and warehouses facilities.
- Aircraft, Aeronautical and automotive facilities.
- Stadiums and arenas.
- Grocery stores, supermarkets, cafeterias, and wineries.
- Prisons and correctional buildings.
- Transportation and loading docks.
- Hospitals and healthcare facilities.
- Offices, retail stores, restaurants, showrooms.
- Lobbies, shopping malls, automobile dealerships, gyms.
- Garages, kitchens, bathrooms, living rooms.
- Concrete repair and restoration in general.
- Aerospace and marine industries applications.

*See individual component product data sheets for specific product properties.

Also available are several crack fillers, joint sealant and other support products. Please inquire with your sales representative for more information on these products.

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

SURFACE PREPARATION: Surface preparation will vary according to the type of complete system to be applied. For a complete system built 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 not standing puddles.

PRIMER MIXING & BROADCAST APPLICATION: Typically, mixing three gallons of PPC Epoxy 100 at a time is ideal for application. Mix using a drill and a mixing paddle. Note: if using a drill mixer, use a low speed (not exceeding 300 rpm) to avoid trapping air:

- Add 1 gallon of Part B to the pre-mixed 2 gallons of Part A and mix for an additional 2-3 minutes.
- PPC Epoxy 100 is designed to be poured directly onto the floor. Allowing the mixed product to sit in the container will significantly reduce working time. Once poured on the surface, you can generally expect 30 – 40 minutes of working time.

Broadcast: While material is still wet, broadcast decorative flakes by hand in an upward motion.

GROUT COAT (CLEAR) PRODUCT MIXING: This product has a mix ratio of 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. 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 if the appropriate thickness recommendations are maintained.

TOPCOAT (POLYASPARTIC 85) PRODUCT MIXING: This product has a one-to-one mix ratio by volume, mix one gallon of part A with one gallon of part B. (volumes approximately). 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. Spray down Premera T2 MCM topcoat to provide superior resistance to harsh chemicals, abrasion, mold, mildew, moss, chlorides & salt spray, acid rain, UV damage, oxidation, animal & bird waste damage, gum, and graffiti.

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.

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

LIMITED WARRANTY: PPC warrants its products to be free of manufacturing defects and that they will meet PPC current published physical properties. PPC warrants that its products, when properly installed by a state licensed contractor according to PPC guide specifications and product data sheets over a sound, properly prepared substrate, will not fail for a period of 12 months. Seller's sole responsibility shall be to replace that portion of the product which proves to be defective. There are no other warranties by PPC of any nature whatsoever expressed or implied, including any warranty of merchantability or fitness for a particular purpose in connection with this product. PPC shall not be liable for damages of any sort, including remote or consequential damages resulting from any claimed breach of any warranty whether expressed or implied. PPC shall not be responsible for use of this product in a manner to infringe on any patent held by others. In addition, no warranty or guarantee is being issued with respect to appearance, color, fading, chalking, staining, shrinkage, peeling, normal wear and tear or improper application by the applicator. Damage caused by abuse, neglect and lack of proper maintenance, acts of nature and/or physical movement of the substrate or structural defects are also excluded from the limited warranty. PPC reserves the right to conduct performance tests on any material claimed to be defective prior to any repairs by owner, general contractor, or applicator.

DISCLAIMER: All guidelines, recommendations, statements, and technical data contained herein are based on information and tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as a warranty, either expressed or implied. It is the users responsibility to satisfy himself, by his own information and test, to determine suitability of the product for his own intended use, application and job situation and user assumes all risk and liability resulting from his use of the product. We do not suggest or guarantee that any hazard listed herein are the only ones which may exist. Neither seller nor manufacturer shall be liable to the buyer or any third person for any injury, loss or damage directly or indirectly resulting from use of, or inability to use, the product. Recommendations or statements, whether in writing or oral, other than those contained herein shall not be binding upon the manufacturer, unless in writing and signed by a corporate officer of the manufacturer. Technical and application information is provided for the purpose of establishing a general profile of the material and proper application procedures. Test performance results were obtained in a controlled environment and PPC makes no claim that these tests or any other tests, accurately represent all environments. For further information please contact us at the following email address: orders@premierprotectivecoatings.com or visiting www.premierprotectivecoatings.com.