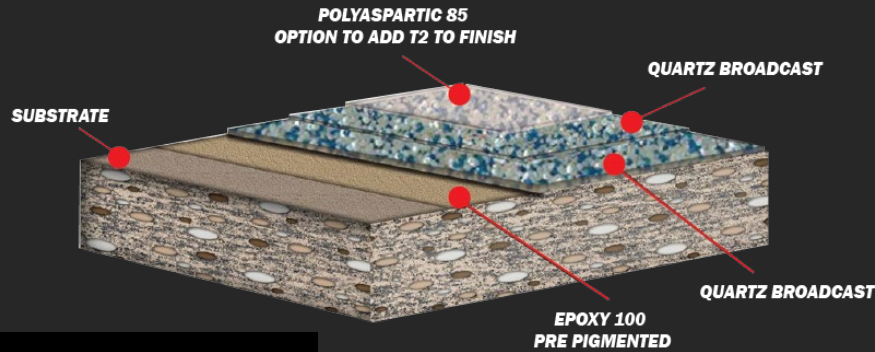


DECORATIVE QUARTZ SYSTEM

Decorative Quartz Double Broadcast System is a decorative, multi-lift, high strength concrete resurfacing system. It is used for environments requiring an attractive, high performance floor or when a concrete floor has sustained damage requiring a textured 1/8" surface restoration.



SYSTEM COMPONENTS (approx. 1/8th")

Coat	Product	Mix	Coverage
Primer Coat	Epoxy 100	2:1	150 sf/gallon
1 st Aggregate Broadcast	Quartz Blend	-	Per Application: 1 lbs/ sq. ft.
Grout Coat	Epoxy 100	2:1	100 sf/gallon
2 nd Aggregate Broadcast	Quartz Blend	-	Per Application: 1 lbs/ sq. ft.
Topcoat	Polyaspartic 85	1:1	100 sf/gallon

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		425 psi (concrete failure)
Flexural Strength	ASTM D790	7,400 psi
Compressive Strength	ASTM D695	11,200 psi
Tensile Strength	ASTM D638	psi
Elongation		4.1%
Impact Resistance		60 inch lbs. direct
Abrasion Resistance	CS-17 1000/500	22-36 mg
Gloss	Glossmeter	>70
Application Temperature		55° to 90° F

ADVANTAGES

- Delivers a range of texture variations depending on thickness or number of grout coats
- Great physical strengths Highly chemical resistant
- Excellent wear characteristics
- Specially blended colored aggregates create a variety of decorative colored looks
- Gardner 1 (clear) epoxies available
- Typical application of approximately 1/8"

RECOMMENDED FOR

- Laboratories
- Pharmaceutical manufacturing
- Commercial areas
- Restrooms and locker rooms
- Schools
- Animal care areas
- Kitchens
- Anywhere an aesthetic concrete re-surfacer is required

*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 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 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 quartz by hand in an upward motion.

GROUT COAT MIXING: This product has a mix ratio of 2 part A to 1 part B. Standard packages are in pre-measured kits and should be mixed as supplied in the kit. We highly 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.

GROUT COAT APPLICATION: The grout coat application will determine the texture of the overall system applied. For a more textured system, apply less liquids. For a smoother system application, apply a heavier build of the grout coat liquids.. The mixed material can be applied by brush or roller. However, the material can also be applied by a suitable serrated or flat squeegee and then back rolled as long as the appropriate thickness is accomplished. 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.

2ND BROADCAST APPLICATION: Repeat broadcast application and allow to cure before topping with the top coat.

TOPCOAT (POLYASPARTIC 85) PRODUCT MIXING: This product has a two to one mix ratio by volume, mix two gallons of part A with 1 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.

OPTIONAL WEAR COAT: After the grout coat application has cured, an optional Premera T2 MCM topcoat can be applied. This product is a single component no mix is required. Shake the closed container gently to avoid air entrapment. T2 MCM can be applied by pump sprayer or microfiber. Maintain temperatures within the recommended ranges during the application and curing process. Too thick of an application may result in product failure. Read individual Technical data sheets for more details

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.

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 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.