QF-130

SEAMLESS QUARTZ BROADCAST SYSTEM

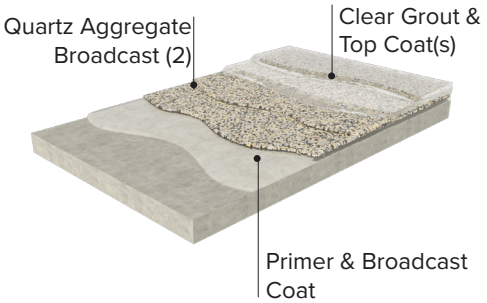
QF-130 is an ultra-fast cure double broadcast quartz application that incorporates high solids polyaspartic base coats, grout, and topcoats. This system provides for minimal installation down time while providing a UV stable, chemical resistant finish. Available in an unlimited number of colors and blends, the system can be modified to accomodate varying substrate conditions, installation time-frames, and coefficient of friction (traction) requirements.

Applications

- Car Dealerships
- Concourses
- Parking Garages
- Animal Facilities
- Loading Docks

Features:

- Decorative Finish
- Superior Impact Resistance
- Low odor & minimal voc
- Superior abrasion resistance & traction
- Integrated cove base available



Colors & Finishes: Available in standard Resinwerks blends, colors may be customized to match any environment. Please coordinate all sample requests with your Resinwerks representative. The system is available with a gloss or satin finish.

System Components

1. **Primer / 1st Broadcast Coat:** Kinetic™ HS (93% solids) no odor polyaspartic coating or Kinetic™ 85 (85% solids) polyaspartic coating. Mix Ratio 1A:1B. Broadcast aggregate to rejection.
2. **2nd Broadcast Coat:** Kinetic™ HS (93% solids) no odor polyaspartic coating or Kinetic™ 85 (85% solids) polyaspartic coating. Mix Ratio 1A:1B. Broadcast aggregate to rejection.
3. **Grout Coat:** Kinetic™ HS (93% solids) no odor polyaspartic coating or Kinetic™ 85 (85% solids) polyaspartic coating. Mix Ratio 1A:1B.
4. **Topcoat:** Kinetic™ HS (93% solids) no odor polyaspartic coating or Kinetic™ 85 (85% solids) polyaspartic coating. Mix Ratio 1A:1B. For a satin finish, apply a single coat of HDC 100 urethane as a final coat.

GENERAL SYSTEM PERFORMANCE - QF-130		
TEST TYPE		RESULT
Compressive Strength	ASTMC 695	8,000 PSI
Water Absorption	ASTMD 570	< .1%
Adhesion Pull-Off	ASTMD-4541	+500 PSI concrete fracture
Elongation / Tensile	ASTMD 638	5200 psi
Flexibility 1/4” cylindrical mandrel	ASTMD 522I	Pass
Hardness / Shore D	ASTMD 2240	90
Impact Resistance	ASTMD 4060	> 160 Inch/Lb

For Professional Use Only

Please reference all product Technical Data and Material Safety Data Sheets prior to use. Mock-ups are strongly recommended to validate appearance and performance prior to use.

SURFACE PREPARATION

Ensure substrate to be coated is clean, dry, and in sound condition. All laitance, curing compounds, concrete hardeners, and other surface contaminants must be removed. Prepare concrete in accordance with ASTM D 4259-83. Mechanical Shot Blasting is recommended to achieve a surface profile of ICRI CSP 2. Surface to be coated must be completely porous, thoroughly vacuumed, and free of excessive dust & contaminants.

MOISTURE IN CONCRETE

Concrete slabs should be tested prior to application for elevated moisture vapor emission levels. Resinwerks recommends ASTM F2170-19 standard for determining relative humidity in concrete slabs using RH probes. Moisture level results will determine recommended mil thickness for application.

DE-GREASING OF CONTAMINATED SUBSTRATES

For concrete substrates containing oil, animal fats, or other carbon based contaminants, slabs should be de-greased appropriately using an enzymatic based concrete de-greasing agent. Multiple applications may be required depending on the level of contamination.

TREATMENT OF JOINTS & CRACKS

Prior to installation of any Resinwerks primer, all joints, cracks and other substrate irregularities must be addressed. For more information on specific joint treatment procedures, please reference Resinwerks joint-treatment guidelines.

COVE BASE

For projects requiring a perimeter vertical cove base, please reference Resinwerks cove base installation guidelines or contact your local Resinwerks representative for more information.

COATING APPLICATION

1. **Primer / 1st Broadcast Coat: Kinetic HS (Pigmented)**
   - **Mixing:** Review Kinetic™ HS Data Sheet Prior to mixing. Mix 1 part A to 1 part B for 2 minutes using a drill mixer at slow speed. Ensure that all colorant is properly dispersed.
   - **Application:** Immediately following mixing, pour onto substrate in a uniform ribbon and spread evenly with a notched squeegee. Standard recommended coverage is 160 sq. ft. per gallon. Immediately back-roll with a non-shedding roller. Use a brush or small roller to cut-in along perimeter walls or any other obstructions.
   - Broadcast quartz Aggregate to rejection at a coverage rate of 100 sq. ft. / 50 lb bag.
   - Once cured, excess quartz should be removed via broom and retained for future broadcast coats. Do not vacuum up excess quartz as it will contaminate the quartz and make it unusable for future applications. Once quartz has been removed, Thoroughly blow and vacuum up any remaining quartz/debris to prepare for second broadcast coat.
2. **2nd Broadcast Coat: Kinetic™ HS Polyaspartic**
   - **Mixing:** Review Kinetic™ HS Data Sheet Prior to mixing. Mix 1 parts A to 1 part B for 2 minutes using a drill mixer at slow speed.
   - **Application:** Immediately following mixing, pour onto substrate in a uniform ribbon and spread evenly with a notched squeegee. Standard recommended coverage is 100 sq. ft. per gallon. Immediately back-roll with a non-shedding roller. Use a brush or small roller to cut-in along perimeter walls or any other obstructions.
   - Broadcast quartz Aggregate to rejection at a coverage rate of 100 sq. ft. / 50 lb bag.
   - Once cured, excess quartz should be removed via broom and retained for future broadcast coats. Do not vacuum up excess quartz as it will contaminate the quartz and make it unusable for future applications. Once quartz has been removed, Thoroughly blow and vacuum up any remaining quartz/debris to prepare for second broadcast coat.
3. **Grout Coat: Kinetic™ HS Polyaspartic**
   - **Mixing:** Review Kinetic™ HS Data Sheet Prior to mixing. Mix 1 parts A to 1 part B for 2-3 minutes using a drill mixer at slow speed.
   - **Application:** Immediately following mixing, pour onto substrate in a uniform ribbon and spread evenly with a notched squeegee. Standard recommended coverage is 100 sq. ft. per gallon. Immediately back-roll with a non-shedding roller. Use a brush or small roller to cut-in along perimeter walls or any other obstructions.
4. **Top Coat: Kinetic™ HS Polyaspartic**
   - **Mixing:** Mix 1 part A with 1 part B for approximately 2 minutes with a slow-speed drill mixer, taking care not to induce any air or create a vortex.
   - **Application:** Immediately following mixing, pour onto substrate in a uniform ribbon and spread evenly with a notched squeegee. Standard recommended coverage is 150 sq. ft. per gallon. Immediately back-roll with a non-shedding roller. Use a brush or small roller to cut-in along perimeter walls or any other obstructions. Avoid applying polyaspartic too thick to avoid a milky appearance. For a satin finish, apply a single coat of HDC 100 urethane as a final coat.

RESINWERKS™ FLOOR COATING SYSTEMS

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