



Flowshield Quartz (1/8")

A high-build, self-leveling and pigmented epoxy floor system with a decorative, hygienic quartz bead finish.



Polygiene®:

Contains a silver ion antimicrobial additive to protect the surface.



Easily Cleaned:

Minimal surface joints ensure the floor is easy to clean and sanitize.



Chemical Resistant:

Protects against acids, alkalis, caustic soda, salt solutions, oils, fats and sanitizers.



Decorative:

Available in a range of pastel colors and containing decorative quartz beads.



Low Odor:

Low odor installation, non-toxic, solvent-free formulation.

Standard Colors:



Beige



Light Grey



White



Mint Green



Sky Blue

The applied colors may differ from the examples shown.
For a full color chart and samples, contact your local Key Resin Company office.

COMPRESSIVE STRENGTH:

ASTM C 579	>8,000 psi
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TENSILE STRENGTH:

ASTM D 638	>1,875 psi
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FLEXURAL STRENGTH:

ASTM C 580	>3,325 psi
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SLIP RESISTANCE:

PTV BS 7976-2 (Using TRRL Rubber Slider)	Dry: 78 Wet: 14
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ABRASION RESISTANCE:

ASTM D 4060 CS 17 Wheel, 1000 cycles	0.075g loss
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SURFACE HARDNESS:

Koenig Hardness Test	>180 secs
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BOND STRENGTH:

Greater than cohesive strength of 3,000 psi concrete,
> 220 psi

TEMPERATURE RESISTANCE:

Continuous Exposure:	Up to 140°F
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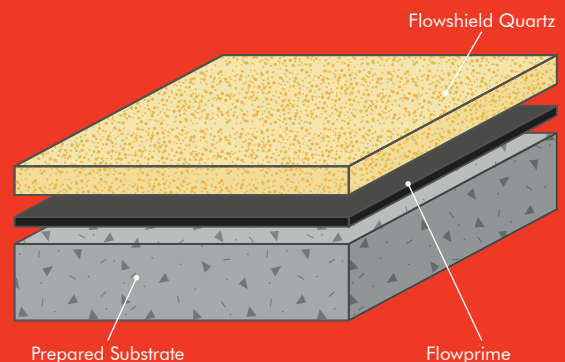
VOC:	20 g/l
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SPEED OF CURE:	50°F	70°F	90°F
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Light Traffic	30 hrs	16 hrs	10 hrs
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Full Traffic	5 days	72 hrs	36 hrs
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Full Chemical Cure	12 days	7 days	4 days
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Prepared Substrate

Flowprime

Products Included In This System

	3 gal of Flowshield Epoxy, color pack,
Unit:	42 lbs Flowshield Filler C & 5.7 lbs Flowshield Filler D
Primer:	Flowprime at 175 - 225 sq ft/gal
Topping:	Flowshield Quartz at 70 sq ft/unit

Assumes a surface profile of SR1: 1/8" maximum deviation over 10 ft. For optional sealers and slip resistant dressings please consult our Technical Advisors.

Coverages listed are theoretical, actual coverages may vary based on substrate, temperature and site variations.

Installation

Installation should be carried out by a Key Resin Company preferred contractor with a documented quality assurance note. Obtain details of our preferred contractor network from our customer service team or by enquiring through our website. Detailed application instructions are also available upon request.

Substrate Requirements

Concrete or screed substrate should have a minimum of 3,000 psi compressive strength, free from laitance, dust and other contamination. The substrate should be dry to ASTM requirements and free from excessive moisture vapor transmission.

Technical Profile

The figures and test results shown overleaf are typical properties achieved in laboratory tests at 75°F and at 50% Relative Humidity.

Aftercare, Cleaning & Maintenance

Clean regularly using a single or double headed rotary scrubber / drier with a mildly alkaline detergent.

Environmental Health & Safety

The finished system is assessed as non-hazardous to health and the environment. The long service life and seamless surface reduce the need for repairs and maintenance. Environmental and health considerations are controlled during manufacture and application of the products by Key Resin Company staff and fully trained application teams.

Warranty

Key Resin Company products are guaranteed against defective materials and manufacture and are sold subject to our standard 'Warranty, Terms and Conditions of Sale', copies of which can be obtained on request. Warranty does not cover suitability, fit for purpose or any consequential or related damages. Please review warranty in detail before installing the products.

Disclaimer

Any recommendation or suggestion relating to the use of products manufactured by Key Resin Company, whether in its technical literature or in response to a specific inquiry, is based upon data believed to be reliable, however the products and information are intended for use by applicators having requisite skill and know-how in the industry and therefore it is for the applicator to satisfy itself of the suitability of the products for its own particular use and it shall be deemed that the applicator has done so at its sole discretion and risk.

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