

Decorative Resins

Flooring solutions for retail, leisure and front-of-house environments.

Application Suitability

✓	Retail Outlets, Boutiques & Supermarkets
✓	Bars, Restaurants & Cafés
✓	Museums & Art Galleries
✓	Schools, Colleges & Universities
✓	Offices, Meeting Rooms & Receptions



Decorative Resins



Flowtallics (30 - 35 mils)

A decorative, hard wearing polymer flooring system delivering a unique hand-crafted swirled metallic finish.



Unique Finish:

Installed by skilled craftsmen to deliver a truly one-of-a-kind floor finish.



Decorative:

Available in a range of metallic colors with a decorative and eye-catching swirl effect.



Wear Resistant:

Excellent scratch and wear resistance to foot and rubber-wheeled cart traffic.



Stain Resistant:

Protects against spillages in grocery stores, tasting rooms and food service areas.



Easily Cleaned:

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

Standard Colors:



Latte



Sangria



Coffee



Merlot



Mojito



Blue Lagoon



Cosmo



Gray Goose

COMPRESSIVE STRENGTH:

ASTM C 579	>11,600 psi
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TENSILE STRENGTH:

ASTM D 638	>1,850 psi
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FLEXURAL STRENGTH:

ASTM C 580	>8,700 psi
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SLIP RESISTANCE:

PTV BS 7976-2 (Using TRRL Rubber Slider)	Dry: 80 Wet: Dependent on specification
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ABRASION RESISTANCE:

ASTM D 4060 CS 17 Wheel, 1000 cycles	0.080g 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 150°F
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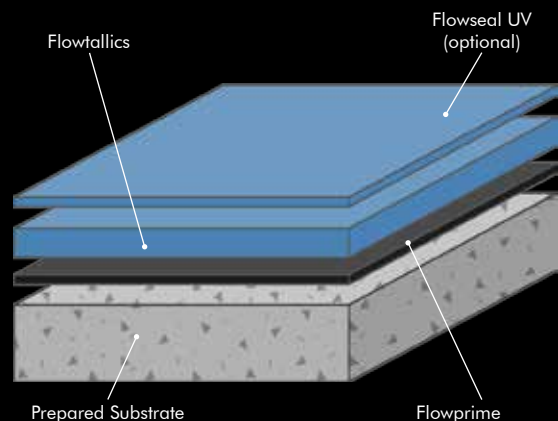
VOC:	12 g/l
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SPEED OF CURE:	50°F	70°F	90°F
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Light Traffic	30 hrs	16 hrs	10 hrs
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Full Traffic	5 days	72 hrs	36 hrs
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Full Chemical Cure	12 days	7 days	4 days
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The applied colors may differ from the examples shown.
For a full color chart and samples, contact your local Flowcrete office.

Products Included In This System

Unit:	3 gal including Flowtallics Pigment
Primer:	Flowprime (Black) at 175 - 225 sq ft/gal
Top Coat:	Flowtallics at 60 sq ft/gal
Sealer:	Flowseal UV at 400 sq ft/ gal (optional)

Flowtallics is produced by adding a 12 fl oz unit of Flowtallics pigment to a 3 gallon unit of Protop 1000.

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

Installation

Installation should be carried out by a Flowcrete STAR or 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 Flowcrete Americas' staff and fully trained application teams.

Warranty

Flowcrete Americas' 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.

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[08/12/16]



Flowtallics UV (30 - 35 mils)

A decorative, hard wearing and UV stable system delivering a unique hand-crafted swirled metallic finish.

- 
Unique Finish:
 Installed by skilled craftsmen to deliver a truly one-of-a-kind floor finish.
- 
Decorative:
 Available in a range of metallic colors with a decorative and eye-catching swirl effect.
- 
Wear Resistant:
 Excellent scratch and wear resistance to foot and rubber-wheeled cart traffic.
- 
Stain Resistant:
 Protects against spillages in grocery stores, tasting rooms and food service areas.
- 
UV Resistant:
 100% UV stable formulation available. Prevents the floor from yellowing.

Standard Colors:



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

COMPRESSIVE STRENGTH:			
ASTM C 579	>5,000 psi		
TENSILE STRENGTH:			
ASTM D 638	>2,200 psi		
FLEXURAL STRENGTH:			
ASTM C 580	>4,500 psi		
SLIP RESISTANCE:			
PTV BS 7976-2 (Using TRRL Rubber Slider)	Dry: 80 Wet: Dependent on specification		
ABRASION RESISTANCE:			
ASTM D 4060 CS 17 Wheel, 1000 cycles	0.040g loss		
SURFACE HARDNESS:			
Koenig Hardness Test	> 180 secs		
BOND STRENGTH:			
Greater than cohesive strength of 3,000 psi concrete, > 220 psi			
TEMPERATURE RESISTANCE:			
Continuous Exposure:	Up to 165°F		
VOC:			
10 g/l			
SPEED OF CURE:			
	50°F	70°F	90°F
Light Traffic	8 hrs	4 hrs	2 hrs
Full Traffic	48 hrs	24 hrs	12 hrs
Full Chemical Cure	6 days	3 days	2 days

Products Included In This System

Unit:	3 gal including Flowtallics Pigment
Primer:	Flowprime (Black) at 175 - 225 sq ft/gal
Top Coat:	Flowtallics UV at 60 sq ft/gal
Sealer:	Flowseal UV at 400 sq ft/ gal (optional)

Flowtallics UV is produced by adding a 12 fl oz unit of Flowtallics pigment to a 3 gallon unit of Flowseal Ultra EWT.

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

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Aftercare, Cleaning & Maintenance

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

Environmental Health & Safety

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[08/12/16]



Flowseal Ultra Flakes (30 - 40 mils)

A decorative resin system containing color stable flakes in a Polyurea binder.



Decorative:

Available in vibrant flake color mixes that can be matched to neighboring interiors.



Easily Cleaned:

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



Wear Resistant:

Excellent scratch and wear resistance to foot and rubber-wheeled cart traffic.



Stain Resistant:

Protects against spillages in grocery stores, tasting rooms and food service areas.



Chemical Resistant:

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

Standard Colors:



Scarlet



Cobblestone



Quicksilver



Domino



Ice Blue



Midnight

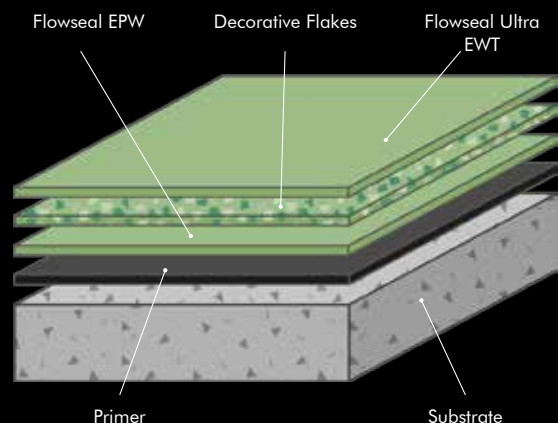


Green Bay



Desert Tan

TENSILE STRENGTH:			
ASTM D 638	>1,250 psi		
TENSILE ELONGATION:			
ASTM D 638	25%		
SLIP RESISTANCE:			
PTV BS 7976-2 (Using TRRL Rubber Slider)	Dry: 56 Wet: 23		
ABRASION RESISTANCE:			
ASTM D 4060 CS 17 Wheel, 1000 cycles	0.040g loss		
SURFACE HARDNESS:			
Koenig Hardness Test	> 180 secs		
IMPACT RESISTANCE:			
ISO 6272	2.2 lb weight > 70 inch 4.4 lb weight > 59 inch		
WATER ABSORPTION:			
ASTM D 570	0.0008%		
BOND STRENGTH:			
Greater than cohesive strength of 3,000 psi concrete, > 220 psi			
TEMPERATURE RESISTANCE:			
Continuous Exposure:	Up to 165°F		
VOC:			
	12 g/l		
SPEED OF CURE:			
	50°F	70°F	90°F
Light Traffic	8 hrs	4 hrs	2 hrs
Full Traffic	48 hrs	24 hrs	12 hrs
Full Chemical Cure	6 days	3 days	2 days



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

Products Included In This System

Primer:	Flowseal EPW at 200 sq ft/gal
Base:	Flowseal EPW at 160 sq ft/gal
Flakes:	Colored Flakes at 0.15 lbs/sq ft
Sealer:	Flowseal Ultra EWT at 175 sq ft/gal

Additional primer and membrane options are available for damp surfaces, crack bridging and high movement. The base coat can be pigmented by adding 2 pigment packs per 3 gallon units.

Glass beads can be incorporated in the sealer to provide better slip resistance. Additional topcoats can be applied for a smoother surface. For topcoat options please consult our Technical Advisors.

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

Installation

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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 Flowcrete Americas' staff and fully trained application teams.

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[08/12/16]

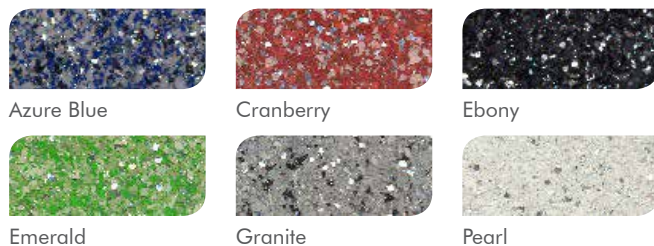


Kristalina (60 - 80 mils)

A sparkling, seamless and smooth epoxy floor system designed to shimmer underfoot in commercial settings.

- 
Decorative:
 Available in a range of glittering flake mixes that deliver a sparkling finish.
- 
Easily Cleaned:
 Minimal surface joints ensure the floor is easy to clean and sanitize.
- 
Wear Resistant:
 Excellent scratch and wear resistance to foot and rubber-wheeled cart traffic.
- 
Stain Resistant:
 Protects against spillages in grocery stores, tasting rooms and food service areas.
- 
Lifecycle Cost Efficiencies:
 Offers significant lifecycle cost savings compared to tile or vinyl floor finishes.

Standard Colors:



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

COMPRESSIVE STRENGTH:			
ASTM C 579	>8,000 psi		
TENSILE STRENGTH:			
ASTM D 638	>1,450 psi		
FLEXURAL STRENGTH:			
ASTM C 580	>2,175 psi		
SLIP RESISTANCE:			
PTV BS 7976-2 (Using TRRL Rubber Slider)	Dry: 56 Wet: 23*		
ABRASION RESISTANCE:			
ASTM D 4060 CS 17 Wheel, 1000 cycles	0.035g loss		
IMPACT RESISTANCE:			
ISO 6272	2.2 lb weight > 70 inch 4.4 lb weight > 59 inch		
VAPOR PERMEABILITY:			
ASTM E 96	2.5g/m ² /mm/24 hrs		
BOND STRENGTH:			
Greater than cohesive strength of 3,000 psi concrete, > 220 psi			
TEMPERATURE RESISTANCE:			
Continuous Exposure:	Up to 140°F		
VOC:	12 g/l		
SPEED OF CURE:	50°F	70°F	90°F
Light Traffic	30 hrs	16 hrs	10 hrs
Full Traffic	5 days	72 hrs	36 hrs
Full Chemical Cure	12 days	7 days	4 days

* With glass beads, Wet 40 minimum.

Products Included In This System

	2 gal of Flowseal EPW
Unit:	3 gal of Peran STC 3 gal of Flowseal PU Gloss
Primer:	Flowseal EPW at 200 sq ft/gal
Floor Layer:	Flowseal EPW at 160 sq ft/gal
Flakes:	Kristalina Flakes at 0.25 lbs/sq ft
Sealer:	Peran STC at 140 sq ft/gal
Top Coat:	Flowseal PU Gloss at 300 sq ft/gal

Glass beads can be incorporated to provide better resistance. Coverages listed are theoretical, actual coverages may vary based on substrate, temperature and site variations.

Installation

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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

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Aftercare, Cleaning & Maintenance

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

Environmental Health & Safety

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[08/12/16]



Peran Floor Flakes (60 - 80 mils)

A seamless, glossy and chemical resistant decorative flooring system available in a range of flake finishes.



Decorative:

Available in vibrant flake color mixes that can be matched to neighboring interiors.



Easily Cleaned:

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



Wear Resistant:

Excellent scratch and wear resistance to foot and rubber-wheeled cart traffic.



Stain Resistant:

Protects against spillages in grocery stores, tasting rooms and food service areas.



Chemical Resistant:

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

Standard Colors:



Scarlet



Cobblestone



Quicksilver



Domino



Ice Blue



Midnight



Green Bay



Desert Tan

COMPRESSIVE STRENGTH:

ASTM C 579	>8,000 psi
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TENSILE STRENGTH:

ASTM D 638	>1,450 psi
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FLEXURAL STRENGTH:

ASTM C 580	>2,175 psi
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SLIP RESISTANCE:

PTV BS 7976-2 (Using TRRL Rubber Slider)	Dry: 56 Wet: 23
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ABRASION RESISTANCE:

ASTM D 4060 CS 17 Wheel, 1000 cycles	0.035g loss
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IMPACT RESISTANCE:

ISO 6272	2.2 lb weight > 70 inch 4.4 lb weight > 59 inch
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VAPOR PERMEABILITY:

ASTM E 96	2.5g/m ² /mm/24 hrs
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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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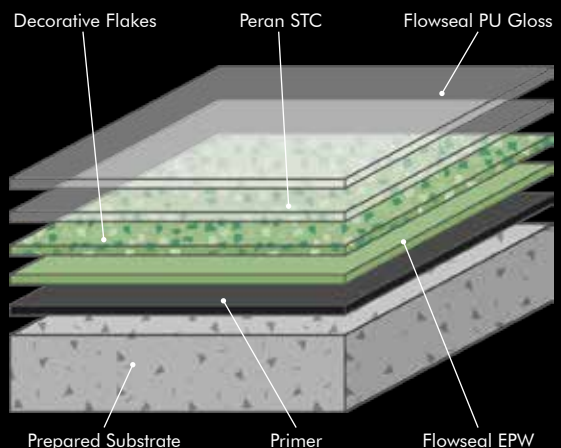
VOC:	12 g/l
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SPEED OF CURE:	50°F	70°F	90°F
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Light Traffic	30 hrs	16 hrs	10 hrs
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Full Traffic	5 days	72 hrs	36 hrs
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Full Chemical Cure	12 days	7 days	4 days
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The applied colors may differ from the examples shown.
For a full color chart and samples, contact your local Flowcrete office.

Products Included In This System

	2 gal of Flowseal EPW
Unit:	3 gal of Peran STC 3 gal of Flowseal PU Gloss
Primer:	Flowseal EPW at 200 sq ft/gal
Floor Layer:	Flowseal EPW at 160 sq ft/gal
Flakes:	Colored Flakes at 0.15 lbs/sq ft
Sealer:	Peran STC at 140 sq ft/gal
Top Coat:	Flowseal PU Gloss at 300 sq ft/gal

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

Installation

Installation should be carried out by a Flowcrete STAR or 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 Flowcrete Americas' staff and fully trained application teams.

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[08/12/16]



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 Gray



White



Mint Green



Sky Blue

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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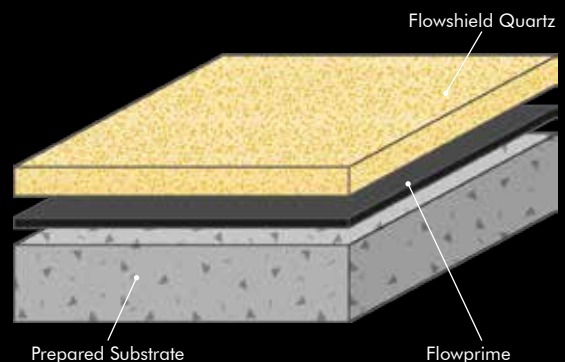
VOC:	20 g/l
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SPEED OF CURE:	50°F	70°F	90°F
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Light Traffic	30 hrs	16 hrs	10 hrs
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Full Traffic	5 days	72 hrs	36 hrs
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Full Chemical Cure	12 days	7 days	4 days
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The applied colors may differ from the examples shown. For a full color chart and samples, contact your local Flowcrete office.

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

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Technical Profile

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Aftercare, Cleaning & Maintenance

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[08/24/16]





Rustik Natural Stone (5/16" - 1/2")

A decorative stone carpet system containing natural stone aggregates.



Decorative:

Stone carpet systems designed to bring the beauty of the outdoors inside.



Slip Resistant:

Positively textured profile to minimize the risk of slip and trip accidents.



Fast Installation:

Hand broadcast aggregates ensure large areas can be installed quickly.



Wear Resistant:

Excellent scratch and wear resistance to foot, rubber-wheeled cart and tire traffic.



Low Odor:

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

Standard Colors:



Golden Pea



Light



Silver Granite



Yellow Gravel

COMPRESSIVE STRENGTH:

ASTM C 579	>7,250 psi
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FLEXURAL STRENGTH:

ASTM C 580	>1,450 psi
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SLIP RESISTANCE:

PTV BS 7976-2 (Using TRRL Rubber Slider)	Dry: 59 Wet: 45
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ABRASION RESISTANCE:

ASTM D 4060 CS 17 Wheel, 1000 cycles	0.070g loss
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IMPACT RESISTANCE:

ISO 6272	2.2 lb weight > 70 inch 4.4 lb weight > 59 inch
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COEFFICIENT OF THERMAL EXPANSION:

ASTM C 531	2.2 x 10 ⁻⁵ in/in/°F
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BOND STRENGTH:

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

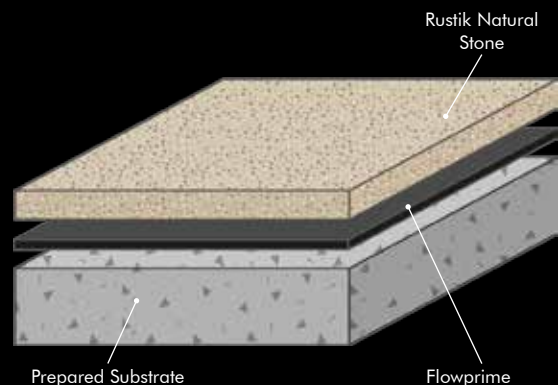
TEMPERATURE RESISTANCE:

Continuous Exposure:	Up to 140°F
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VOC:	12 g/l
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SPEED OF CURE:

	50°F	70°F	90°F
Light Traffic	30 hrs	16 hrs	10 hrs
Full Traffic	5 days	72 hrs	36 hrs
Full Chemical Cure	12 days	7 days	4 days



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

Products Included In This System

Primer: Flowprime at 175 - 225 sq ft/gal
Scatter Sand: 0.1 lbs/ sq ft, Size #5 (30/70 or 12/20)
Topping: 72 sq ft/mix at 5/16"

Topping consists of 1 unit of Peran RC and four 55 lb bags of aggregate. Coverages listed are theoretical, actual coverages may vary based on substrate, temperature and site variations.

Installation

Installation should be carried out by a Flowcrete STAR or 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 Flowcrete Americas' staff and fully trained application teams.

Warranty

Flowcrete Americas' 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 Flowcrete Americas, 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.

[08/12/16]