

Product Data

A wide range of products designed to complement our specialty polymer floor coating systems.

Products Available

✓	Wall Coatings
✓	Moisture Control Systems
✓	Floor Coatings & Sealers
✓	Joint Sealants





Flowgard WW* (6 - 8 mils)

A hygienic, pigmented and vapor permeable water-based epoxy resin coating for use on walls and ceilings.



Hygienic Finish:

Seamless, non-porous coating that does not support microbial or fungal growth



Vapor Permeable:

Fully breathable and can be installed onto damp substrates or green concrete.



Easily Mixed & Applied

Easily mixed and applied using a roller on both horizontal and vertical surfaces.



Chemical Resistant:

Provides excellent resistance to light chemical attack and spillage.



Easily Cleaned:

Suitable for hot water wash and wipedowns.

Standard Colors:



Light Gray



Medium Gray



Beige



White

FIRE RESISTANCE:

BS 476 (Part 7)

Class 1 surface spread of flame

ABRASION RESISTANCE:

ASTM D 4060
CS 17 Wheel, 1000 cycles

0.015 g loss

VAPOR PERMEABILITY:

ASTM E 96

20g/m²/mm/24 hrs

BOND STRENGTH:

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

SURFACE HARDNESS:

Koenig Hardness Test

182 secs

TEMPERATURE RESISTANCE:

Continuous Exposure:

Up to 140°F

Intermittent Spills:

Up to 160°F

VOC:

26 g/l

VOLUME SOLIDS:

Approx. 50%

SPEED OF CURE:

50°F

70°F

90°F

Light Traffic

36 hrs

16 hrs

10 hrs

Full Traffic

96 hrs

48 hrs

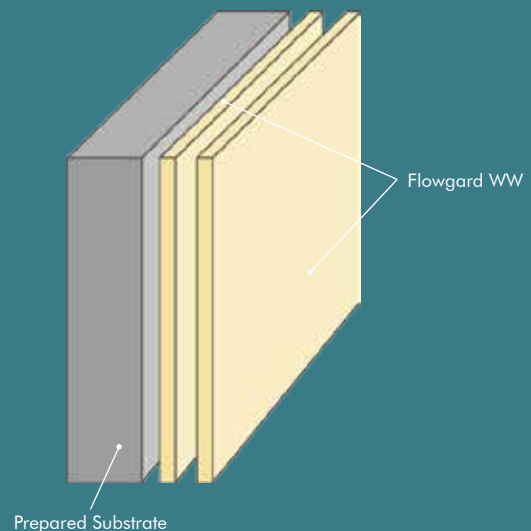
30 hrs

Full Chemical Cure

14 days

7 days

3 days



*Previously known as Peran WW

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

1st Coat:	Flowgard WW at 225 sq ft/gal
2nd Coat:	Flowgard WW at 225 sq ft/gal
3rd Coat: (if required)	Flowgard WW at 225 sq ft/gal

Typical values, application and coverage rates are assisted by the addition of water - up to a maximum of 16 oz per unit.

Coverages listed are theoretical, coverages may vary based on substrate and site variations. For optional slip resistant dressings please consult our Technical Advisors.

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

Its hard, nonporous surface makes Flowgard simple to clean. In most cases, soap and water or a mild detergent is all that is required to maintain its luster.

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]



Flowgard WW Reinforced Standard* (35 - 40 mils)

A glass fiber reinforced epoxy resin coating for use on walls and ceilings.



Hygienic Finish:

Seamless, non-porous coating that does not support microbial or fungal growth



Strong:

Contains a sheet of 300 gram fiberglass mat for added strength and impact resistance.



Vapor Permeable:

Fully breathable and can be installed onto damp substrates or green concrete.



Chemical Resistant:

Provides excellent resistance to chemical attack and spillage.



Easily Cleaned:

Suitable for hot water wash and wipedowns.

Standard Colors:



Light Gray



Medium Gray



Beige



White

FIRE RESISTANCE:

BS 476 (Part 7)

Class 1 surface spread of flame

ABRASION RESISTANCE:

ASTM D 4060
CS 17 Wheel, 1000 cycles

0.015 g loss

VAPOR PERMEABILITY:

ASTM E 96

20g/m²/mm/24 hrs

BOND STRENGTH:

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

SURFACE HARDNESS:

Koenig Hardness Test

182 secs

TEMPERATURE RESISTANCE:

Continuous Exposure:

Up to 140°F

Intermittent Spills:

Up to 160°F

VOC:

26 g/l

VOLUME SOLIDS:

Approx. 50%

SPEED OF CURE:

50°F

70°F

90°F

Light Traffic

36 hrs

16 hrs

10 hrs

Full Traffic

96 hrs

48 hrs

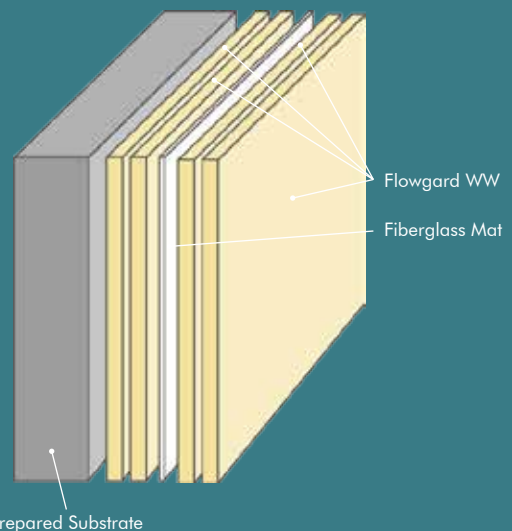
30 hrs

Full Chemical Cure

14 days

7 days

3 days



*Previously known as Peran WW Reinforced Standard

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: Flowgard WW at 200 sq ft/gal

1st Bodycoat: Flowgard WW at 175 sq ft/gal
300 g chopped strand mat

1st Finish Coat: Flowgard WW at 200 sq ft/gal

2nd Finish Coat: Flowgard WW at 200 sq ft/gal

Typical values, application and coverage rates are assisted by the addition of water - up to a maximum of 16 oz per unit.

Coverages listed are theoretical, coverages may vary based on substrate and site variations. For optional slip resistant dressings please consult our Technical Advisors.

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

Its hard, nonporous surface makes Flowgard simple to clean. In most cases, soap and water or a mild detergent is all that is required to maintain its luster.

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]



Flowgard WW Reinforced Super* (40 - 50 mils)

A twice glass fiber reinforced epoxy resin coating for use on walls and ceilings.



Hygienic Finish:

Seamless, non-porous coating that does not support microbial or fungal growth



Strong:

Contains two sheets of fiberglass mat for added strength and impact resistance.



Vapor Permeable:

Fully breathable and can be installed onto damp substrates or green concrete.



Chemical Resistant:

Provides excellent resistance to chemical attack and spillage.



Easily Cleaned:

Suitable for hot water wash and wipedowns.

Standard Colors:



Light Gray



Medium Gray



Beige



White

FIRE RESISTANCE:

BS 476 (Part 7)	Class 1 surface spread of flame
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ABRASION RESISTANCE:

ASTM D 4060 CS 17 Wheel, 1000 cycles	0.015 g loss
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VAPOR PERMEABILITY:

ASTM E 96	20g/m ² /mm/24 hrs
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BOND STRENGTH:

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

SURFACE HARDNESS:

Koenig Hardness Test	182 secs
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TEMPERATURE RESISTANCE:

Continuous Exposure:	Up to 140°F
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Intermittent Spills:	Up to 160°F
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VOC:	26 g/l
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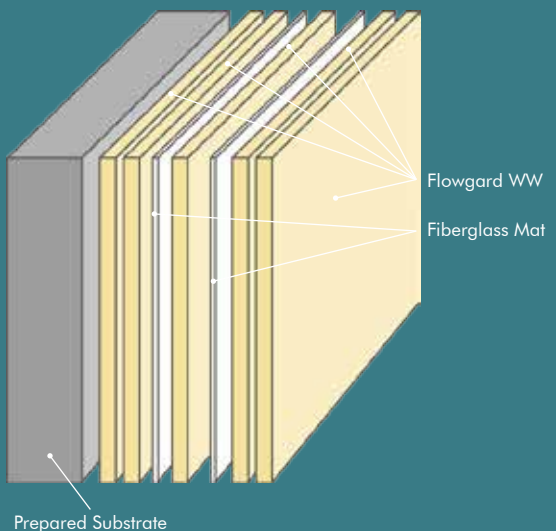
VOLUME SOLIDS:	Approx. 50%
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SPEED OF CURE:	50°F	70°F	90°F
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Light Traffic	36 hrs	16 hrs	10 hrs
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Full Traffic	96 hrs	48 hrs	30 hrs
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Full Chemical Cure	14 days	7 days	3 days
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*Previously known as Peran WW Reinforced Super

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: Flowgard WW at 200 sq ft/gal

1st Bodycoat: Flowgard WW at 175 sq ft/gal
300 g chopped strand mat

2nd Bodycoat: Flowgard WW at 175 sq ft/gal
100 g glass tissue

1st Finish Coat: Flowgard WW at 200 sq ft/gal

2nd Finish Coat: Flowgard WW at 200 sq ft/gal

Typical values, application and coverage rates are assisted by the addition of water - up to a maximum of 16 oz per unit.

Coverages listed are theoretical, coverages may vary based on substrate and site variations. For optional slip resistant dressings please consult our Technical Advisors.

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

Its hard, nonporous surface makes Flowgard simple to clean. In most cases, soap and water or a mild detergent is all that is required to maintain its luster.

Environmental Health & Safety

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[08/12/16]



Specialty Sealant, Coating & Floor Treatment Products

System:	Type:	Description:
Hydraseal DPM	Epoxy damp proof membrane	A solvent free, moisture tolerant epoxy primer, designed for application onto concrete with residual moisture or newly installed green concrete
Flowcem	Epoxy damp proof membrane	A multi-component, epoxy-cement based moisture control system. Flowcem is applied to act as a damp proof underlayment prior to the installation of floor finishes.
Flowprime	Epoxy primer	A two component, low viscosity, 100% solids, epoxy primer for cementitious substrates. Flowprime is used for priming concrete, prior to overcoating with epoxy systems.
Flowprime AQ	Water-based epoxy primer	A rapid cure, two component, low viscosity, water-based epoxy primer for cementitious substrates. Flowprime AQ is used as a fast track, moisture tolerant primer, prior to overcoating with epoxy systems.
Flowfresh SR Sealer	Cementitious urethane sealer	A 100% solids, solvent-free, semi-flexible, pigmented, antimicrobial treated cementitious urethane sealer for broadcast systems.
Peran STC	Epoxy resin binder and sealer	A 100% solids, low viscosity, crystal clear epoxy resin binder and sealer that provides improved clarity and increased UV stability. Peran STC is used in areas where a decorative finish and improved light stability are desired.
Protop 1000	General purpose epoxy	A 100% solids, low odor, multi-purpose epoxy. Protop 1000 can be pigmented with color packs and used as a primer, coating (mortar, high build coating and receiving coat for quartz or flakes systems) as well as a topcoat.
Flowseal PU Gloss	Polyurethane topcoat	A two component, solvent based CRU, gloss, UV stable, polyurethane topcoat, available in clear and pigmented. It is used as a UV stable, chemical and abrasion resistant clear sealer.
Flowseal UV	UV-stable polyurethane topcoat	A two component, high gloss, low odor, chemical resistant, UV stable, high solids polyurethane sealer, available in clear and pigmented versions. Flowseal UV is used as a UV stable, abrasion resistant clear sealer.
Peran TCW	General purpose thixotropic epoxy	A two component, multi-purpose, 100% solids thixotropic epoxy resin system that can be pigmented with color packs. Peran TCW is used as a thixotropic vertical primer, grout coat, binder and sealer coat for cove base and as an orange peel topcoat
Flowseal HTS	Polyurethane sealer	A four component, high solids, semi-gloss, satin polyurethane sealer. Flowseal HTS is used as a high wear UV stable and abrasion resistant sealer
Flowseal Ultra	Polyurea coating	A two component, fast cure, gloss, UV stable, chemical resistant, polyurea coating. Flowseal Ultra is used as a UV stable sealer or receiving coat for flake and quartz broadcast systems.
Flowseal Ultra EWT	Extended working time polyurea coating	A two component, fast cure, gloss, UV stable, chemical resistant, polyurea coating. Flowseal Ultra EWT provides extended working time compared to Flowseal Ultra and is used as a UV stable sealer or receiving coat for flake and quartz broadcast systems.
Flowflex UVR	Polyurea joint sealant	A 100% solids, two component, heavy duty, semi-rigid polyurea joint sealant, designed for filling and protecting control joints and saw cut construction joints in polymer floors.

For more information on Flowcrete Americas Specialty Products visit www.flowcreteamericas.com or email americas@flowcrete.com