

FLOORING



General Purpose

Wear Resistant



Chemical Resistant

Urethane Cement

PPG FLOORING System Overview



PPG FLOORING coatings are designed for a long service life and custom tailored for your specific work environment. Each product system is chemically engineered for consistent performance, and our products are formulated to work together for optimum results. From high traffic areas and non-skid requirements to compliance with industry standards, PPG has you covered. Have confidence in your flooring protection with PPG.

PPG FLOORING offers a comprehensive selection of products that provide durability, aesthetics, versatility, ease of use, and low VOC. Our high performance coating systems alongside PPG's service and technical support ensure our coatings give you the results you need. Use this guide along with your PPG rep to design the right system for your work environment. Please refer to technical data sheets for surface preparations, substrate considerations and other application information.



Coating Type

Products

Technology

*Ultra-Low VOCs range from Zero to less than 50g/L

All systems can be customized to achieve a variety of non-slip textures.

Systems/Environment

General Purpose

Automotive/Fire Stations/ Concrete Epoxy Garages Prime Coat 100% Solids Low Viscosity Primer Primer Educational/Retail Jails and Correctional • Manufacturing/Warehouses Base Coat Self-Leveling Epoxy 100% Solids Epoxy High Gloss Mechanical Rooms **Wear Resistant** Airplane Hangar Floors Concrete Epoxy Prime Coat 100% Solids Low Viscosity Primer Primer Automotive/Fire Stations/ Garages Educational/Retail Base Coat Self-Leveling Epoxy 100% Solids Epoxy High Gloss Jails and Correctional Manufacturing/Warehouses Wear Resistant Top Coat High Performance Urethane Satin Mechanical Rooms **Urethane Satin Chemical Resistant** Airplane Hangar Floors Concrete Epoxy Prime Coat 100% Solids Low Viscosity Primer Primer Automotive/Fire Stations/ Garages Chemical Processing Base Coat Self-Leveling Epoxy 100% Solids Epoxy High Gloss Laboratories Manufacturing/Warehouses **Epoxy Siloxane** Top Coat High Performance Epoxy Siloxane Gloss or Satin **Urethane Cement** Automotive/Fire Stations/ Garages Varies based on Self-Leveling Chemical Processing 100% Solids Urethane Cement **Urethane Cement** project needs Educational/Retail Food and Beverage/ Restaurants Healthcare Facilities Laboratories Self-Leveling High Varies based on • Manufacturing/Warehouses **Build Urethane** 100% Solids High Build Urethane Cement project needs Cement Can be stand alone or used in combination with other systems. See PPG rep for guidance.

General Purpose System



PPG General Purpose Flooring System is our most economical system with just two coats for easy application. This durable and easy-to-clean epoxy solution provides moderate chemical and abrasion resistance with a high gloss for that professional look. Add Decorative Flakes for a unique touch.

Typical Uses

- Automotive/Fire Stations/Garages
- Educational/Retail
- Jails and Correctional
- Manufacturing/Warehouses
- Mechanical Rooms

Advantages

- Self-Leveling
- Seamless High Build Coating
- Chemical Resistant
- Economical
- Durable, Easy-to-Clean
- Abrasion Resistant

Please refer to Product Data Sheet for system options and preparation details.

*Ultra-Low VOCs range from Zero to





VOC*

LEVELING



DURABILITY





CHEMICAL RESISTANCE RESISTANCE

Prime Coat

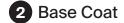


Concrete Epoxy Primer

100% Solids Low Viscosity Primer

This two-component, Concrete Epoxy Primer penetrates and seals concrete in slabs that have low vapor emissions. This coating prepares the substrate for proper adhesion to the base coat.

- 100% Solids, Ultra-Low VOC (31 g/L)
- Low Viscosity
- Easy to Apply
- Excellent Adhesion
- Seals Porous Concrete
- Reduces Pinholes, Fish Eyes, Craters, and Outgassing of Top Coats
- Can Be Tinted with Epoxy Tint Packs to Achieve White, Black, Haze Gray, Light Gray, and Sandstone Colors





Self-Leveling Epoxy

100% Solids Epoxy High Gloss

This two-component self-leveling epoxy provides a seamless high build coating that is high gloss. It has excellent adhesion and durability to protect concrete floors.

- 100% Solids, Ultra-Low VOC (17 g/L)
- Solvent Free
- Self-Leveling
- Easy to Apply
- Seamless High Build Coating
- Excellent Adhesion Properties
- Chemical Resistant
- Low Maintenance
- Available in Clear, White, Deck Gray, and Haze Gray Ready-Mix Colors
- Can Be Tinted with Epoxy Tint Packs to Achieve Black, Light Gray, Sandstone, and Tile
- Combine with Decorative Flakes, Quartz and Metallic Additive to Create an Attractive and Durable Finish

Colors Available



Haze Gray



Deck Gray



Light Gray



Clear





Tile Red



Black

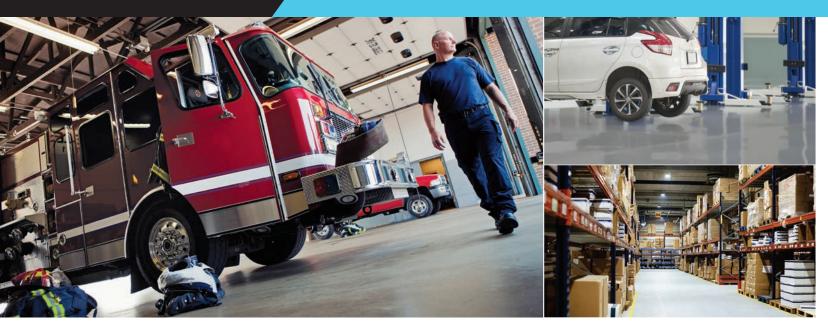
Product recommendation. For floors with high moisture issues, use the Moisture Mitigating Primer as your Prime Coat. See back cover for more details. Refer to the Technical Data Sheets and Application Guidelines on ppgpmc.com

Sandstone

less than 50g/L

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Wear Resistant System



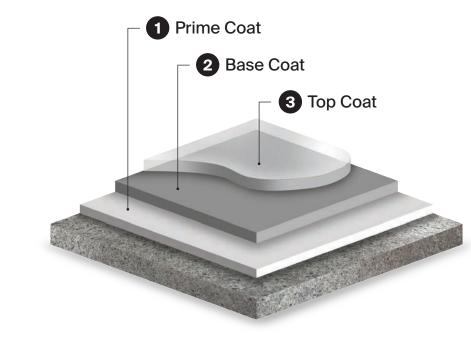
PPG Wear Resistant Flooring System is made for durability. We combine our Self-Leveling Epoxy Gloss and Wear Resistant Urethane Satin to give the impact and abrasion resistance necessary for high traffic areas like manufacturing plants, airplane hangars and warehouses. The Wear Resistant Urethane Satin top coat provides double the life compared to the General Purpose system for long-lasting protection from harsh conditions and heavy equipment.

Typical Uses

- Airplane Hangar Floors
- Automotive/Fire Stations/Garages
- Educational/Retail
- Jails and Correctional
- Manufacturing/Warehouses
- Mechanical Rooms

Advantages

- Extreme Durability
- Excellent Scratch Resistance
- Chemical and Stain Resistance
- UV Stable
- SCAQMD Compliant
- Can Contribute to LEED v4 Credits





DURABILITY



RESISTANCE





Please refer to Product Data Sheet for system options and preparation details.

LONG-LASTING

RESISTANCE

UV STABLE

1 Prime Coat



Concrete Epoxy Primer

100% Solids Low Viscosity Primer

This two-component, Concrete Epoxy Primer penetrates and seals concrete in slabs that have low vapor emissions. This coating prepares the substrate for proper adhesion to the base coat.

- 100% Solids, Ultra-Low VOC (31 g/L)
- Low Viscosity
- Easy to Apply
- Excellent Adhesion
- Seals Porous Concrete • Reduces Pinholes, Fish Eyes, Craters, and Outgassing of Top Coats
- Can Be Tinted with Epoxy Tint Packs to Achieve White, Black, Haze Gray, Light Gray, and Sandstone Colors





Self-Leveling Epoxy

100% Solids Epoxy High Gloss

This two-component self-leveling epoxy provides a seamless high build coating that is high gloss. It has excellent adhesion and durability to protect concrete floors.

- 100% Solids, Ultra-Low VOC (17 g/L)
- Solvent Free
- Self-Leveling
- Easy to Apply
- Seamless High Build Coating
- Excellent Adhesion Properties
- Chemical Resistant
- Low Maintenance
- Available in Clear, White, Deck Gray, and Haze Gray Ready-Mix Colors
- Can Be Tinted with Epoxy Tint Packs to Achieve Black, Light Gray, Sandstone, and Tile
- Combine with Decorative Flakes, Quartz and Metallic Additive to Create an Attractive and Durable Finish





Wear Resistant Urethane Satin

High Performance Urethane Satin

Wear Resistant Urethane Satin provides excellent abrasion and impact resistance and should be used when a lower gloss finish needs to be achieved.

- Clear
- Excellent UV Stability
- Excellent Chemical Resistance
- Weather Resistant
- Non-Skid Satin Finish



Another top coat option with a Gloss Finish is our Epoxy Siloxane Gloss from our Chemical Resistant system.

Colors Available



Haze Gray



Deck Gray





Light Gray



Clear



Sandstone





Tile Red



White

Chemical Resistant System



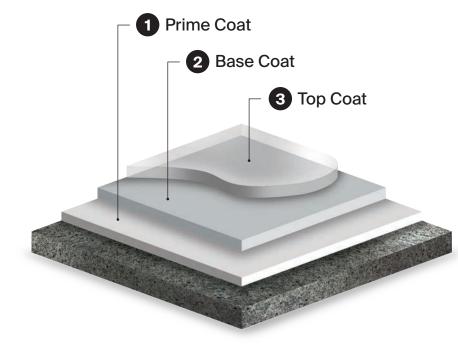
PPG Chemical Resistant Flooring System offers chemical resistance to a wide variety of oils, acids, and chemicals. The Epoxy Siloxane forms a tight film at the top coat level to build an impenetrable barrier. This top coat is available in a gloss or satin finish, is easy to clean, and can be customized with slip-resistant additive.

Typical Uses

- Airplane Hangar Floors
- Automotive/Fire Stations/Garages
- Chemical Processing
- Laboratories
- Manufacturing/Warehouses

Advantages

- Excellent Chemical Resistance
- UV Resistant
- Extremely Durable and Easy-to-Clean
- Excellent Gloss Retention





DURABILITY



GLOSS



UV STABLE RETENTION

1 Prime Coat



Concrete Epoxy Primer

100% Solids Low Viscosity Primer

This two-component, Concrete Epoxy Primer penetrates and seals concrete in slabs that have low vapor emissions. This coating prepares the substrate for proper adhesion to the base coat.

- 100% Solids, Ultra-Low VOC (31 g/L)
- Low Viscosity
- Easy to Apply
- Excellent Adhesion
- Seals Porous Concrete
- Reduces Pinholes, Fish Eyes, Craters, and Outgassing of Top Coats
- Can Be Tinted with Epoxy Tint Packs to Achieve White, Black, Haze Gray, Light Gray, and Sandstone Colors





Self-Leveling Epoxy

100% Solids Epoxy High Gloss

This two-component self-leveling epoxy provides a seamless high build coating that is high gloss. It has excellent adhesion and durability to protect concrete floors.

- 100% Solids, Ultra-Low VOC (17 g/L)
- Solvent Free
- Self-Leveling
- Easy to Apply
- Seamless High Build Coating
- Excellent Adhesion Properties
- Chemical Resistant
- Low Maintenance
- Available in Clear, White, Deck Gray, and Haze Gray Ready-Mix Colors
- Can Be Tinted with Epoxy Tint Packs to Achieve Black, Light Gray, Sandstone, and Tile Red Colors
- Combine with Decorative Flakes, Quartz and Metallic Additive to Create an Attractive and Durable Finish





Epoxy Siloxane Gloss or Satin

High Performance Epoxy Siloxane

This two-component, high performance top coat has low VOC and provides excellent abrasion and chemical resistance.

- High Solids, Low VOC (<100 g/L)
- Excellent Abrasion and Chemical Resistance
- Excellent Acid and Corrosion Resistance
- Excellent UV Stability
- Excellent Gloss and Color Retention from Long Term UV Exposure
- Weather Resistant

Colors Available



Haze Gray

















Deck Gray Light Gray Clear Sandstone

Please refer to Product Data Sheet for system options and preparation details

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Urethane Cement



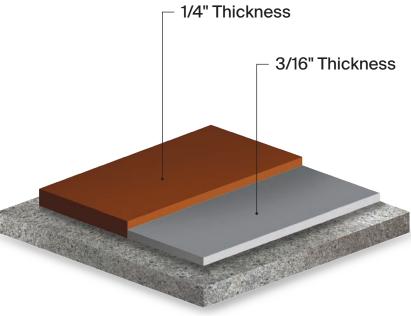
PPG Urethane Cement System utilizes the power of cement for extreme resistance in high blast, outdoor environments or chemical areas. It can be installed from 3/16" to 1/4" thickness in a variety of surface textures, colors, and gloss levels. PPG Urethane Cement provides a non-absorbent surface that is easily cleaned and is thermal resistant for occasional spillages from -40 °F to 210 °F. This system offers a fast return to service, and slip-resistance can be custom engineered to provide the required level of safety.

Typical Uses

- Automotive/Fire Stations/Garages
- Chemical Processing
- Educational/Retail
- Food and Beverage/Restaurants
- Healthcare Facilities
- Laboratories
- Manufacturing/Warehouses

Advantages

- Thermal Shock Resistance
- Wide Service Temperature, -40 °F to 210 °F
- Hot Cooking Oil and Steam Resistance
- Excellent Chemical and Abrasion Resistance
- Can Be Applied to New Concrete
- Impact Resistant
- Excellent Moisture Resistance
- VOC Compliant Nationwide
- SCAQMD Compliant
- Easy to Maintain





PROTECTION

LEVELING



DURABILITY



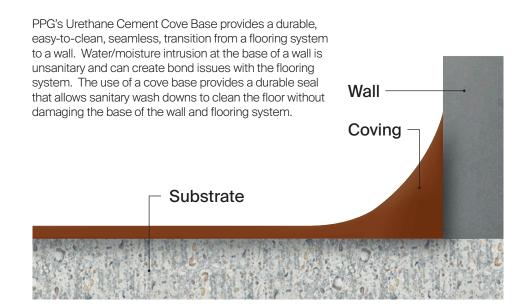
RESISTANCE RESISTANCE

CHEMICAL



Self-Leveling Urethane Cement provides higher build levels in areas where the highest impact and durability are required.

- 100% Solids, Ultra-Low VOC (<5 g/L) Cementitious Urethane
- High Build Capabilities between 3/16" and 1/4"
- Thermal Shock and Impact Resistant
- Excellent Abrasion, Chemical, and Moisture Resistance
- Available in Gray and Red Colors
- Available with Coving to Connect Floors and Walls Seamlessly







Our Self Leveling Urethane Cement can be used as a stand alone flooring application or in combination with other PPG FLOORING Systems as a primer or base coat. Your PPG representative can guide you on the right use of the Self-Leveling Urethane Cement for your particular environment and help you customize your flooring.

Our Urethane Cement coating system is a specialized system that requires specific training to apply. Please contact your PPG representative to review your Urethane Cement project requirements and for expert solutions and specialized installation support/training to ensure successful completion and great looking results.

Please refer to Product Data Sheet for system options and preparation details.

8 | PPG FLOORING: Urethane Cement **PPG FLOORING:** Urethane Cement | 9 We know that selecting the right system for your project is crucial for success. This is why we want to offer you our expertise and provide specific guidance on what products work for different environments. Every project is unique, and our systems stand up to the challenge.

Fire Stations



Food and Beverage/Restaurants



PPG FLOORING System ▶	General Purpose
▼ Environments	Concrete Epoxy Primer Self-Leveling Epoxy
Airplane Hangar Floors	
Automotive/Fire Stations/ Garages	•
Chemical Processing	
Educational/Retail	•
Food and Beverage/ Restaurants	
Healthcare Facilities	
Jails and Correctional	•
Laboratories	
Manufacturing/Warehouses	
Mechanical Rooms	•

Mechanical Rooms

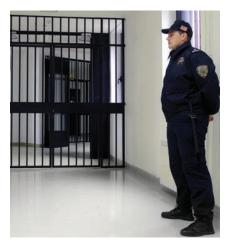


Wear Resistant	Chemical Resistant	Urethane Cement
Concrete Epoxy Primer Self-Leveling Epoxy Wear Resistant Urethane Satin	Concrete Epoxy Primer Self-Leveling Epoxy Epoxy Siloxane Gloss or Satin	Self-Leveling Urethane Cement Self-Leveling High Build Urethane Cement
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Healthcare Facilities



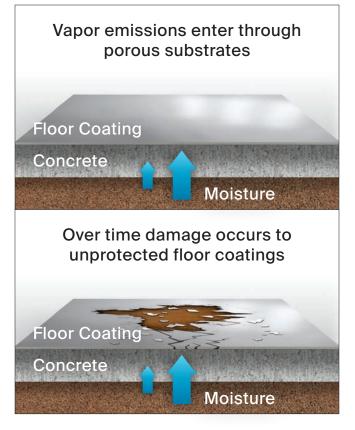
Jails and Correctional Facilities



Educational Facilities



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Moisture Mitigating Primer

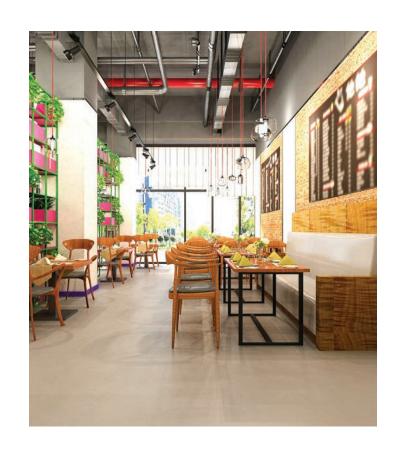
Our Moisture Mitigating Primer helps to prevent adhesion issues by controlling vapor emissions that come up through concrete or other porous substrates. By also blocking moisture, this primer helps prevent coatings from separating from the concrete.

- 100% Solids, Ultra-Low VOC (<5 g/L), and Low Odor
- Excellent Adhesion to Damp Concrete
- Blocks Vapor Emissions up to 20 pounds/1000 feet/24 hours
- Meets ASTM F3010 Product Requirements for Vapor Permeance at the Recommended Thickness
- Can Be Used under Floor Coatings, Wood Flooring, Carpeting, and Vinyl Tile

Polyaspartic Coating

This coating provides versatility for interior or exterior use with outstanding durability and protection for resistance to chemicals, stains, and damaging UV's. Additionally, it is contractor and facility manager friendly vs. traditional polyaspartics with a longer working time and faster return-to-service.

- 100% Solids, Ultra-Low VOC (<5 g/L)
- Low Odor
- Excellent Adhesion
- Excellent Abrasion and Scratch Resistance
- Excellent Flexibility and Impact Resistance
- Easy to Clean
- High Gloss Finish



PPG Decorative Flakes

PPG Decorative Flakes are the perfect unique touch for your flooring needs, whether commercial, industrial, or residential. Designed to enhance appearance and hide concrete imperfections, these flakes add color, design, and durability to our flooring systems through a variety of solid and mixed blend colors. Available in 1/4" and 1/8" sizes*, ask your PPG representative for more details and about custom colors.

- Showroom Quality Floors Made Easy
- Colorfast, UV Stable Pigments
- Compatible with Epoxies, Polyurea, Polyaspartic, Acrylics, Urethanes, and More
- Odorless

Colors Available







Caramel Latte

Dice



Wet Sand





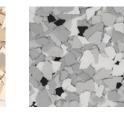
Moondust



Earthtone



Sahara



Hawk's Wing

Epoxy Crack Filler

This easy-to-use two-component epoxy repair coating can be used to fill cracks in horizontal or vertical concrete.

- 100% Solids, Ultra-Low VOC (<11 g/L)
- Low Odor
- Can Be Applied Thicker for Horizontal Surfaces
- Can Be Used for Shallow Vertical Repair
- Gray Color



^{*} Available by special order



PPG FLOORING Products

Coating Type	Product	PPG Product Code	Size Offered
Prime Coat	Concrete Epoxy Primer	FLR900-0	1.5 Gal
Prime Coat	Moisture Mitigating Primer	FLR1900-0	1.5 Gal
Base/Top Coat	Self-Leveling Epoxy Gloss: Clear, White, Deck Gray, Haze Gray	FLR600-0, FLR600-3, FLR600-210, FLR600-20	3 Gal
Top Coat	Wear Resistant Urethane Satin Clear	FLR400-0	1 Gal
Top Coat	Epoxy Siloxane Gloss Clear	FLR650-0	1 Gal
Top Coat	Epoxy Siloxane Satin Clear	FLR450-0	1 Gal
Tint Pack*	Epoxy Tint: White, Black, Haze Gray**, Light Gray, Sandstone, Tile Red***	FLR120-3, FLR120-9, FLR120-20, FLR120-266, FLR120-178, FLR120-78	Pint, Quart
Repair	Epoxy Crack Filler	FLR800-2	Half Gal, 2 Gal
Urethane Cement	Self-Leveling Urethane Cement	FLR700-0, FLR700-2	1 Gal, 10 Gal
Urethane Cement	Self-Leveling Urethane Cement High Build	FLR700-0, FLR700HB-2	1 Bag
Urethane Cement Coving	Self-Leveling Urethane Cement Coving	FLR700CF-2	1 Bag
Urethane Cement Tint Pack	SL UC Gray Pigment Powder, SL UC Red Pigment Powder	FLR700-20, FLR700-78	1Bag
Polyaspartic Top Coat	Polyaspartic Gloss Clear: 85% Solids, 100% Solids	FLR685-0, FLR675-0	1.5 Gal
Decorative Flakes	Dice, Icecap, Caramel Latte, Wet Sand, Moondust, Space, Earthtone, Sahara, Hawk's Wing	FLR300-9, FLR300-200, FLR300-1, FLR300-14, FLR300-228, FLR300-42, FLR300-151, FLR300-178, FLR300-266	50 LB Box

^{*} Note - 1 Pint Tints 1.5 Gal, 1 Quart Tints 3 Gal



^{**} Pint only

^{***} Quart only