

Industrial Grade Coatings

POLYMER
SCIENCE
CORPORATION



Made in Canada for over 35 years

Head Office &
Manufacturing
Facility

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About us

Based out of Calgary, we have been producing quality coatings since 1989. Our chemical formulations were all developed in house by PhD level researchers and are simply unrivaled in industrial, commercial and residential settings.

Our high performance coatings are straight forward to use and will provide workability that any installer will appreciate. Our solventless formulas will ensure that your job site stays safe ensuring the longevity of your trade.

We provide personal support to all of our customers, contractors, installers and distributors with cost effective and tested solutions tailored to your needs.

www.polymer-science-corp.com





We Manufacture

Concrete Coatings

Epoxy Coatings

- 100% Solids Epoxies
- Novolacs Epoxies
- Water-based Epoxies

Polyaspartic Coatings

- 100% Solids Polyaspartic

Acrylic Driveway Sealer

- 30% Solids Acrylic Sealer



Elastomeric Paint

- Exterior protection
 - Fire-retardant formulations available
 - Customizable color options
-

Concrete Coatings

High Gloss Epoxy with highly customizable color options

- **Standard color finish**
- **Metallic / Mica finish**
- **Decorative Flake finish**



Metallic / Mica Finish

Epoxy coating that simulate the color of a pearlescent marble floor. Comes in powder form that is simply mixed in with any of our epoxy or polyaspartic coatings.



Decorative Flake Finish

Enhance and add robust structure to your garage or warehouse floor with a flake finish. Solid colored basecoat is typically applied, followed by sprinkling of ColorFlakes, finished with a clear topcoat on top of either epoxy or polyaspartic



PSC - 2301

Interior General Use Epoxy

PSC 2301 ClearGuard is a two component, self-leveling, 100 % solids (solventless) tintable epoxy coating. Both components are precisely measured and packaged for accurate on-site mixing and use. PSC 2301 ClearGuard is approved by CFIA (Canadian Food Inspection Agency) for incidental contact in federally or provincially inspected meat and poultry plants

Uses

- Interior new or old concrete horizontal concrete surfaces in warehouses, airplane hangars, car dealerships, salons, restaurants, kitchens, etc.
- Prime coat for PSC 2304 Exterior Epoxy or PSC 3839 Polyaspartic or can be used as a prime and top coat for a complete system
- Can be mixed with aggregate (sand) to fill and repair surface imperfections and cracks in concrete
- Mix in metallic color pigments or solid basecoat colorants. Initially sold clear.

Advantages

- Long working time of approx 35 minutes
- Low odor thanks to solventless formulation
- Excellent compressive, flexural and tensile strength
- Excellent chemical resistance to oils, fuels and solvents
- Extremely cost effective with material cost frequently less than \$1.00 per sq/ft for standard colored 2 coat systems



PSC - 2304

Exterior UV Resistant Epoxy

PSC 2304 Exterior Epoxy is a two component, self-leveling, 100 % solids tintable epoxy coating. Both components are precisely measured and packaged for easy and accurate on-site mixing and use. PSC 2304 Exterior Epoxy is a high build epoxy coating system designed for applications up to 20 mils. Being UV Resistant means that compared to all of the epoxies and most coatings, the effects due to UV radiation are less pronounced. PSC 2304 is approved by CFIA for incidental contact in federally or provincially inspected meat and poultry plants

Uses

- Exterior or Interior new or old concrete horizontal concrete surfaces
- Great coating for exterior decks, pool decks, patios and stairs
- Aggregate such as decorative quartz can be broadcasted on top for a robust and functional surface

Advantages

- Long working time of approx 35 - 40 minutes
- Low odor thanks to solventless formulation
- Excellent compressive, flexural and tensile strength
- Withstands temperature extremes and thermal shock without cracking or peeling
- Easy 1 to 1 mixing ratio



PSC - 3839

Polyaspartic

PSC 3839 PolyAspartic is a two component, 100% solids, fast setting polyaspartic coating, providing a fast turn-around time for the application. It comes in clear and can be used as base or top coat. This zero VOC system has been formulated to have a balanced pot-life/ cure schedule. It has been designed to provide exceptional adhesion to concrete, UV stability for non-yellowing properties, slight flexibility and outstanding abrasion resistance.

Uses

- Exterior or Interior new or old concrete horizontal concrete surfaces
- Use in high traffic areas or areas with a lot of UV exposure as this product is UV stable
- Aggregate such as decorative quartz can be broadcasted on top for a robust and functional surface

Advantages

- Working time of approx 20 minutes
- UV Stable providing excellent non-yellowing properties
- Low odor thanks to solventless formulation
- Superior durability and wear-resistance
- Withstands temperature extremes and thermal shock without cracking or peeling
- Easy 1 to 1 mixing ratio



PSC - 2306

Novolac LV Epoxy

PSC 2306 Novolac LV is a two component, self-leveling, 100 % solids tintable epoxy coating. PSC 2306 Novolac LV is a high build epoxy coating system designed for applications requiring high heat and chemical resistance, particularly suited for harsh chemical environments.

Uses

- Exterior or Interior new or old concrete horizontal concrete surfaces
- Use in battery plants, dairy facilities, aircraft hangars, water treatment facilities, waste treatment facilities, auto shops, etc.
- Aggregate such as decorative quartz can be broadcasted on top for a robust and functional surface

Advantages

- Extremely high chemical resistance
- Low odor thanks to solventless formulation
- Superior durability and wear-resistance
- Withstands temperature extremes and thermal shock without cracking or peeling



PSC - 2502

Premium Acrylic Sealer 30%

Our solvent-based acrylic sealer is made with premium solvents. Bring back a nice glossy shine to old concrete. Solids content is 30 %. PSC 2502 produces a high gloss finish.

Uses

- Seal exterior driveway or pathways to give a rejuvenated glossy look to your property

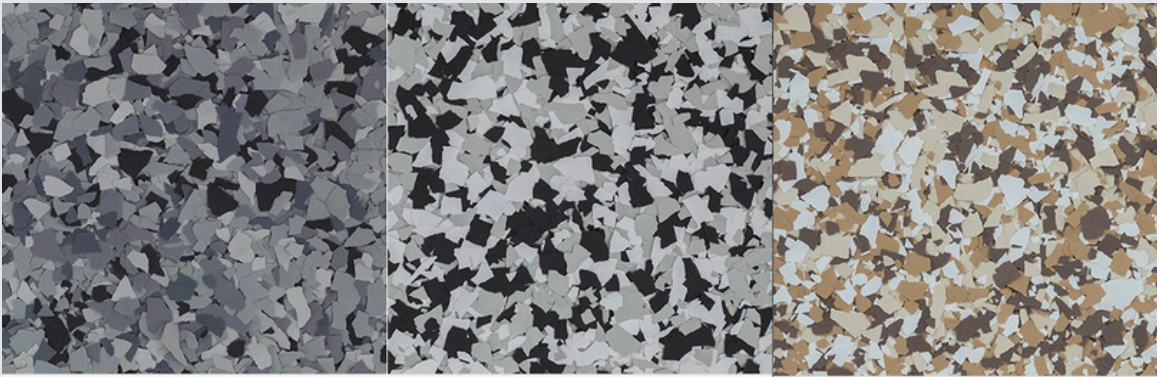
Advantages

- Cost effective for periodic recoats
- High solids content for higher durability and wear resistance
- Withstands temperature extremes and thermal shock without cracking or peeling
- UV Stable

Gallery



Glimpse of colour options available



FB-715

FB-715 Nightfall
FLAKE

FB-411

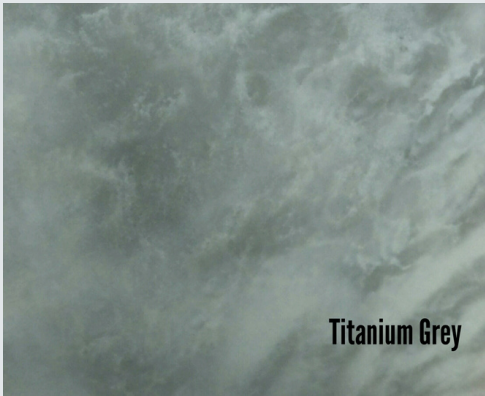
FB-411 Domino
FLAKE

FB-325

FB-325 TERRIER
FLAKE



Scan for more base color options



Titanium Grey

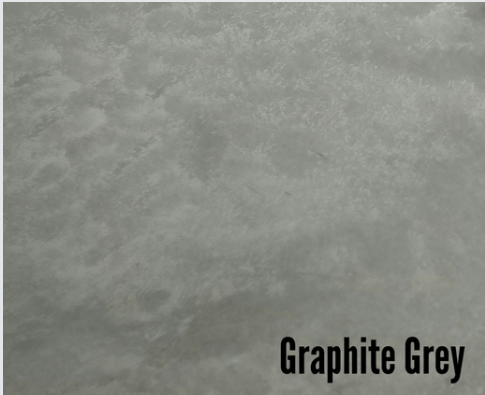


Terracotta

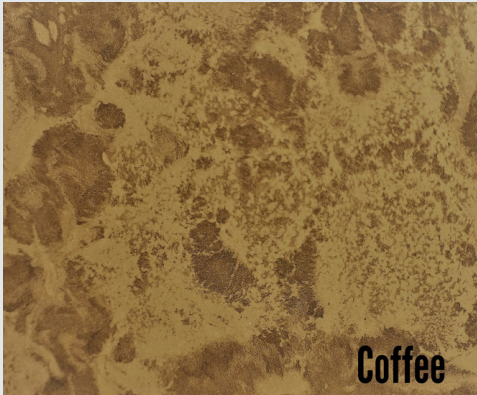


Pearl

Scan for more metallic color options



Graphite Grey



Coffee



Get in touch with us for pricing

As a manufacturer, we provide the most competitive pricing for the highest quality product available.

To view more products, visit our website below



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