

PSC Better than Paint

PSC Better than Paint is a high build, low gloss, acrylic elastomeric coating. When applied as directed. PSC Better than Paint bridges minor surface imperfections, hairline cracks, providing outstanding durability and long lasting protection. It has superior aging characteristics eliminating the causes of ruptures, cracks and delaminating. It withstands substrate movement and accommodates rapid changes in temperature. PSC Better than Paint allows the substrate to breathe, therefore the structure will not be damaged by the presence of moisture and activated salts.

The molecular structure of PSC Better than Paint is perfectly adjusted to allow it to utilize its tensile strength and elongation properties for maximum, durable and long lasting protection of concrete structures in harsh environment. The capabilities of PSC Better than Paint goes far beyond those of ordinary paint.

Uses

- Exterior or interior, above grade, vertical and overhead concrete and masonry.
- Previously painted or new stucco, concrete/cinder blocks, fiber cement siding, pre-cast concrete, poured in place concrete, tilt up construction, wood trim, metal and fencing.

Advantages

- Bridges minor surface imperfections.
- Provides a tough, rubbery coating with waterproofing properties.
- Exceptionally durable film resists wind driven rain, sleet, snow, hail, mold, mildew and airborne dirt.
- Allows the substrate to breathe.
- Excellent elongation and recovery properties.
- Withstands extremes in thermal cycling, maintains flexibility through the year.
- Seals and waterproofs hairline cracks.
- UV light stable, fade resistant.
- Resists aggressive atmospheric conditions; exhaust gases, acid rain, airborne pollutants.
- Inhibits the growth of mildew, fungus, moss and algae.
- Non-flammable.
- Four tint bases.

PSC Better than Paint is designed to

- Waterproof your new or existing structure.
- Reduce maintenance costs associated with unprotected concrete, stucco or other substrate as described in technical specifications.
- Prolong the life of any structure it is applied to.
- Protect concrete, stucco or any substrate as described in technical specifications from leakage and moisture intrusion.
- Be highly alkaline resistant.
- Does not sustain micro bacterial or algae growth.
- Avoid costly rebar deterioration in concrete structures.
- Protect substrates from long term effects of water, environmental factors and pollution.
- Prevent scaling and spalling.

How does PSC Better than Paint perform?

- It bonds to the substrate and becomes an integral part of the structure.
- It is liquid applied to form a seamless protective barrier.
- It protects from chemical damage resulting from acid rain and salts carried by rain.
- It protects from mechanical damage occurring by not allowing rain or sleet to erode a façade and it does not allow water to penetrate the pores of the façade, thus to cause fractures.
- It protects from biological attack which can occur when algae and moss grow on dampened building exteriors.
- It allows the substrate to breathe.
- Optimum tensile strength and elongation properties allow it to expand and contract with freeze/thaw conditions while bridging hairline cracks in the substrate up to 1/16".
- System is sustainable for the life of the structure.

General data

-	Type	Acrylic elastomeric.
-	Tint bases	White, midtone, deep, ultra deep.
-	Volume solids	48 to 52 %, depending on tint base.
-	Coverage	80 to 120 sq.ft/gallon.
-	Film thickness – Wet	13 to 20 mils
-	- Dry	7 to 11 mils
-	Dry time @ 20 C (68 F)	Recoat - 3 hours Full cure – 24 hours
-	Dries by	Evaporation, coalescence
-	Viscosity	20,000 CPS @ 6 RPM
-	Flash point	None
-	Sheen	Low gloss.
-	Surface temperature at application	Min. 10 C (50 F) Max. 35 C (95 F)
-	Thin with	Clean water
-	Clean up thinner	Clean water
-	Weight per gallon	11.1 to 12 lbs depending on tint base.
-	Water vapor transmission	2.9 Perms. (ASTM E96-80BW)
-	Tensile strength	130 psi @ WFT 13 (ASTM D412)
-	Elongation	310 % (ASTM D412)
-	VOC	30 g/L
-	Storage Temperature	Min. 5 C (41 F) Max 32 C (90 F)

Surface preparation

Surface must be clean and sound, free of grease, chalk, loose masonry, peeling paint, release agents, efflorescence, mildew and bleeding stains.

Glossy areas should be dulled. Unweathered areas must be power washed or scrubbed with a strong water based detergent solution. Rinsed to remove surface salts that can interfere with adhesion.

Cracks larger than 1/16" width should be patched with a suitable patching compound. Allow the patch to cure according to specifications. Repeat the patching procedure if excessive shrinkage occurs. Prime with Better than Paint that is diluted with 5 % of water.

Mildew

If mildew is present, it must be removed by scrubbing with commercial mildew wash. Use rubber gloves, work goggles and protective clothing when applying mildew wash. Follow manufacturer's directions.

New construction

Freshly poured concrete should be allowed to age a minimum of 14 days before coating with Better than Paint. Care should be exercised to remove all traces of form releasing agents from poured or pre-cast concrete surfaces. Any cracks should be sealed using latex caulking or cement based caulking compounds, do not use oil base caulking. All surfaces must be thoroughly brushed with stiff fiber bristles to remove loose particles.

Previously painted surfaces

Better than Paint may be applied over previously coated surfaces which are free of dirt, dust, grease, oil or waxes. All loose and scaling paint, as well as chalk, must be removed to a sound substrate by sandblasting, high pressure cleaning and/or scrubbing with strong water based detergent solution, followed by rinsing with clean water. Cracks and holes should be treated as with new construction.

Metal, new

Power wash the metal with a water based cleaning solution. Rinse thoroughly with clean water and allow drying before coating with Better than Paint that is diluted with 5 % of clean water. All fasteners must be fully encapsulated with undiluted PSC Better Than Paint.

Metal, corroded / painted

Power wash the metal with a water based cleaning solution. Rinse thoroughly with clean water and allow drying. Remove all loose rust and paint. Prime rusted areas with water based acrylic rust-proofing primer.

Primer / finish systems

Concrete and cement block surfaces in sound condition; Better than Paint can be applied without priming.

Previously coated masonry; remove chalk and loose paint and prime or spot prime as necessary with Better than Paint diluted with 5 % of water. Finish with one or two coats of Better than Paint.

Wood trims; remove loose or peeling paint by scraping and sanding. From new wood remove the mill gaze by sanding, if priming is desired, use Better than Paint diluted with 5 % of water. Finish with one or two coats of Better than Paint.

Metal trim; prepare as described above. Finish with one or two coats of Better than Paint.

Application

Apply as received in the container. Do not add other paints or solvents. Stir thoroughly prior to use. Avoid entrapping excessive quantities of air when stirring or dispersing colorants. May be applied by airless spray, power roller or conventional roller. Do not apply when air and surface temperatures are below 5 C (41 F), nor in damp or rainy weather. Do not apply to surfaces with excessive moisture content.

Apply a liberal coat and check application with a wet film gauge to ensure the minimum wet film thickness is obtained. Work well into crevices and holes to adequate penetration and sealing. Back roll the application in a downward motion to ensure a uniform finish with the stipple all in one direction.

Power roller

Apply generously, monitoring application frequently with a film thickness gauge to ensure proper wet film thickness.

Conventional roller

Apply in two crosshatch coats at 90 degrees to each other, monitoring application frequently with a wet film thickness gauge to ensure proper wet film thickness. Keep roller saturated with material at all times. Allow first coat to dry 3 hours, or until its no longer tacky, before applying second coat. Finish of with a dry roller in a downward motion to ensure a uniform finish with the stipple all in one direction.

Airless spray

Apply generously in a cross hatch pattern and back roll to achieve a pinhole free surface. Monitor application frequently with a film thickness gauge to ensure proper wet film thickness. Coverage will vary according to surface texture and profile. Use equipment capable of maintaining 2,500 to 2,700 psi at the tip. Orifice size: 0.019" (0.48 mm) to 0.023" (0.58 mm).

Thinning / Cleanup

Do not thin finishing coats; thinning will reduce the sealing ability of this product. Never add other paints or solvents. Wash all equipment with warm detergent solution and rinse thoroughly with clean water. Spray equipment should be given a final rinse with mineral spirits to prevent rusting.

Use completely or dispose properly. Dry, empty containers may be recycled in a can recycling program. Local disposal requirements vary; consult your sanitation department or local environmental agencies for more information on disposal options.

Environmental and safety information

Use only with adequate ventilation, do not breathe vapors, spray mist or sanding dust. Avoid contact with eyes and prolonged or repeated contact with skin. Wear eye protection and gloves during application or sanding. A dust / particulate respirator approved by NIOSH should be worn when sanding or spraying. Close container after each use.

First aid

If affected by inhalation of vapors or spray mist, remove to fresh air. In case of eye contact, flush immediately with plenty of water for at least 15 minutes and call a physician; for skin, wash thoroughly with soap and water. Get medical help immediately.

In case of spill

Absorb with inert material and dispose off as specified under Thinning/Cleanup.

Shelf life

Better than Paint has a shelf life of 12 months in an unopened container.

Limitations

- Do not use for immersion service.
- Do not use for applications below grade.

Limited Warranty

When applied strictly according to instructions above, PSC guarantees 10 years against cracking, peeling and blistering on above grade and vertical applications, 5 years for decks.

PSC guarantees our products to conform to the specifications of Polymer Science Corporation. PSC makes no warranty or guarantee express or implied including warranties of fitness for a particular purpose or merchantability, respecting its Products. Liability, if any, is limited to refund of purchase price or replacement of the Product. All consequential damages, labor and cost of labor are hereby excluded.

Polymer Science Corporation develops, manufactures, and distributes specialty chemicals, industrial and architectural coatings of highest quality. Ask the people who use them.

PROTECT FROM FREEZING. KEEP OUT OF REACH OF CHILDREN. READ MATERIALS SAFETY DATA SHEETS.]