

PPC RC WB Epoxy Primer

PRODUCT TECHNICAL DATA SHEET

PPC RC WB Epoxy Primer is a two-component, water-based epoxy primer that also functions as a masonry block filler. This versatile, thixotropic formula applies smoothly and provides strong adhesion to a wide range of properly prepared surfaces, including most metals, plastics, wood, masonry, and other smooth substrates.

WHERE TO USE

- Specialty primer designed to improve adhesion on roofing surfaces before applying a topcoat or coating system.
- Provides enhanced adhesion between difficult roofing surfaces and the materials applied over them including:
 - » Built-Up Roofing (BUR)
 - » Galvanized metal
 - » Modified bitumen (smooth)
 - » PVC surfaces
 - » SBS modified bitumen (granular)

ADVANTAGES

- Strong adhesion performance
- Versatile application
- Multi-purpose use
- Improves topcoat bonding
- Smooth, easy application
- Water-based formula
- Enhance system durability
- Compatible with roofing systems
- Fills surface imperfections
- Increases overall coating performance

THEORETICAL COVERAGE RATES

1 gal/100 ft² over:

PVC

Applied Mod. Bitumen Smooth

BUR

Galvanized Steel

1.0 – 1.5 gal/100 ft² over:

Weathered EPDM

Weathered TPO

Applied Mod. Bitumen Granular

PACKAGING & COLORS

PPC RC WB Epoxy Primer is available in 10 gallon kits. Part A 5 gallon pail and Part B 5 gallon pail.

Color: white and blue, this is a double component

MIXING

Individually mix Part A and Part B before combining. Then blend equal amounts of Part A (white) and Part B (blue) until a consistent blue color is achieved. Avoid overmixing, and do not combine with any other coating products.

SHELF LIFE AND STORAGE

12 months from the date of manufacture in original unopened factory sealed containers. Keep away from extreme cold, heat, or moisture. Keep out of direct sunlight and away from fire hazards. Store in unopened containers between 60 - 90 F (15 - 32 C).

CERTIFICATIONS

UL 790 (ASTM E 108)

ASTM D 6694

FM 4474

CRRC

NSF P151

Miami Dade Approved

Florida Approved

PHYSICAL/CHEMICAL CHARACTERISTICS

Shelf Life	12 months
Final Cure Time	7 days
Recoat Cure Time	24-72 hours
Dry Film Thickness	mils

OVERVIEW OF INSTALLATION STEPS

Surface Preparation:

All surfaces to be coated must be clean and dry. Use a thick roller (3/4"–1") when applying as a block filler on porous concrete. If small holes appear as it dries, go over it again with a mostly dry roller after 8–10 minutes. For other applications, use a 1/4"–3/8" roller or a nylon brush. You can also spray it with standard equipment but be sure to avoid breathing in any particles. Do not apply it too thick, as this can reduce adhesion.

Thinning

Water up to 5% by volume if needed, only to extend the pot life.

Pot Life

The pot life is 40 minutes at 75 °F. This can be extended to 60 minutes by thinning with water (5%) to achieve the original consistency. Pot life at 55 °F is doubled, but at 100 °F it is reduced to 90 minutes.

Weather restrictions

Do not apply during rain or when rain or dew is expected. This product is not suitable for constant water exposure. Only apply when surface temperatures are between 50°F and 130°F.

Application equipment

This product may be sprayed, brushed, or rolled.

Cure time

Topcoats can usually be applied once primer has set, typically in 2–3 hours. For best adhesion, apply coatings after 1–3 days of curing. Do not wait more than 7 days—if exceeded, clean and re-prime before applying the topcoat.

Clean up

All equipment can be cleaned using water supplemented with soap or a little bit of vinegar. Methyl Ethyl Ketone is recommended for cleaning equipment to avoid corrosion.

CAUTION! Roof surfaces may become slippery when wet.

LIMITED WARRANTY

PPC warrants its products to be free of manufacturing defects and that they will meet PPC current published physical properties. PPC warrants that its products, when properly installed by a state licensed contractor according to PPC guide specifications and product data sheets over a sound, properly prepared substrate, will not fail for a period of 12 months. Seller's sole responsibility shall be to replace that portion of the product which proves to be defective. There are no other warranties by PPC of any nature whatsoever expressed or implied, including any warranty of merchantability or fitness for a particular purpose in connection with this product. PPC shall not be liable for damages of any sort, including remote or consequential damages resulting from any claimed breach of any warranty whether expressed or implied. PPC shall not be responsible for use of this product in a manner to infringe on any patent held by others. In addition, no warranty or guarantee is being issued with respect to appearance, color, fading, chalking, staining, shrinkage, peeling, normal wear and tear or improper application by the applicator. Damage caused by abuse, neglect and lack of proper maintenance, acts of nature and/or physical movement of the substrate or structural defects are also excluded from the limited warranty. PPC reserves the right to conduct performance tests on any material claimed to be defective prior to any repairs by owner, general contractor, or applicator.

DISCLAIMER

All guidelines, recommendations, statements, and technical data contained herein are based on information and tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as a warranty, either expressed or implied. It is the users responsibility to satisfy himself, by his own information and test, to determine suitability of the product for his own intended use, application and job situation and user assumes all risk and liability resulting from his use of the product. We do not suggest or guarantee that any hazard listed herein are the only ones which may exist. Neither seller nor manufacturer shall be liable to the buyer or any third person for any injury, loss or damage directly or indirectly resulting from use of, or inability to use, the product. Recommendations or statements, whether in writing or oral, other than those contained herein shall not be binding upon the manufacturer, unless in writing and signed by a corporate officer of the manufacturer. Technical and application information is provided for the purpose of establishing a general profile of the material and proper application procedures. Test performance results were obtained in a controlled environment and PPC makes no claim that these tests or any other tests, accurately represent all environments. For further information please contact us at the following email address: orders@premierprotectivecoatings.com or visiting www.premierprotectivecoatings.com

DISPOSAL

Any surplus material, including both Part A and Part B components, should be combined and allowed to cure. Upon curing, the product can be disposed of without any restrictive conditions. Uncured materials should be securely stored in an appropriate sealed container and disposed of in strict adherence to the applicable provincial, state, municipal, and federal regulations.

CAUTION

ALWAYS KEEP OUT OF THE REACH OF CHILDREN
KEEP FROM FREEZING CONDITIONS
INTENDED FOR INDUSTRIAL USE ONLY