



**POLYCOAT  
PRODUCTS**  
A Division of American Polymers Corp.

**POLYCOAT PC - IM 129**  
*Industrial Membrane  
Elastomeric, Aromatic Polyurethane*

**DESCRIPTION**

Polycoat PC-IM 129 is a two component, liquid applied, asphalt extended aromatic polyurethane that adheres to most substrates, to form a waterproof membrane.

**FEATURES**

- ❖ Seamless Waterproof Membrane
- ❖ Economical
- ❖ VOC Compliant
- ❖ Bridges cracks and joints
- ❖ Impervious to water and various aqueous chemicals
- ❖ Proven Protection
- ❖ UV Stable (color fades)

**TYPICAL USES**

- ❖ Corrosion Protection
- ❖ Waterproofing
- ❖ Tank Liners
- ❖ Containment
- ❖ Pond Liners

**COMMON SUBSTRATES**

- ❖ Concrete
- ❖ Steel
- ❖ Glass
- ❖ Wood
- ❖ Metal
- ❖ Asphalt

**COLOR**

Black, fades to dull black

**PACKAGING**

1 gallon kit: 1 pint can, net fill 0.1 gallon of Part-A and 1 gallon can, net fill 0.9 gal of Part-B.

4.5 gallon kit: ½ gallon jar, net fill 0.45 gal of Part-A and one 5 gallon pail, net fill 4.05 gal of part-B

**MIXING**

**DO NOT ESTIMATE, proportions are premeasured.** Using a mechanical mixer, pre-mix Polycoat PC-IM 129 Part-B material thoroughly to obtain a uniform color. Use care not to allow the entrapment of air into the mixture. Polycoat PC-IM 129 should not be mixed by hand.

**PRIMING**

Most substrates should be primed with Polycoat recommended Polyprime primer.

**APPLICATION**

Apply two coats of Polycoat PC-IM 129 at 2 gallons per 100 sq. ft. each coat directly to a clean dry substrate.

Application of Polycoat PC-IM 129 should not start if surface temperature is below 50° F (10° C) and must be 5° F (3° C) above dew point.

Do not apply when the ambient or substrate temperature is rising.

**TECHNICAL DATA, POLYCOAT PC - IM 129**

Coverage Rate @ 1 gal/100 sq. ft	14.25 mils
Pot Life @ 75°F (24°C), 50% RH.	20 ± 5 minutes
Hardness, ASTM D-2240	60 ± 5 Shore A
Tear Resistance, Die C, ASTM D-624	150 ± 50 pli
	26.3 ± 9 kN/m
Tensile Strength, ASTM D-412	900 ± 100 psi
	6.2 ± 0.7 MPa
Ultimate Elongation, ASTM D-412	450 ± 100%
Total Solids by Volume, ASTM D-2697	89%
Volatile Organic Compounds,	0.73 lb/gal
ASTM D-2369-81	87.5 gm/liter

Do not apply Polycoat PC-IM 129 in direct sunlight.

Spray equipment, squeegee, notched trowel or phenolic resin core roller may be used, if a roller is used extra care should be taken not to trap air bubbles into the mixture. Apply Polycoat PC-IM 129 evenly over the entire deck at 60 wet mils. Most applications require only one coat, but if needed Polycoat PC-IM 129 may be recoated in (1) one hour and no longer than (4) four hours after mixing. If Polycoat PC-IM 129 has cured for more than (4) hours the surface may need to be mechanically abraded before recoating.

**CURING**

Allow coating to cure for (24) twenty four hours for light traffic, or (72) seventy two hours for heavy traffic.

Polycoat PC-IM 129 is sensitive to heat and moisture and this could accelerate the curing time.

**EQUIPMENT CLEANUP**

Equipment should be cleaned with mineral spirits or an environmentally safe solvent, as permitted under local regulations, immediately after use.

**STORAGE**

Polycoat PC-IM 129 has a shelf life of one (1) year from the date of manufacture in original, factory sealed containers.

**LIMITATIONS**

Do not apply Polycoat PC-IM 129 in wet weather or if rain is imminent, coating should not become wet within (4) four hours after application.

Containers that have been opened must be used as soon as possible.

Do not dilute under any circumstance.

**WARNINGS**

This product contains Isocyanates, Asphalt and Solvent.

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***Please read all information in the general guidelines, product data sheets, guide specifications and material safety data sheets (MSDS) before applying material. Published technical data and instructions are subject to change without notice. Contact your local Polycoat Products representative or visit our website for current technical data and instructions.***

**LIMITED WARRANTY**

Polycoat Products warrants its products to be free of manufacturing defects and that they will meet Polycoat Products current published physical properties. Polycoat Products warrants that its products, when properly installed by a state licensed waterproofing contractor according to Polycoat Products guide specifications and product data sheets over a sound, properly prepared substrate, will not allow water migration for a period of one (1) year. Seller's and manufacturer's sole responsibility shall be to replace that portion of the product of this manufacturer which proves to be defective. There are no other warranties by Polycoat Products of any nature whatsoever expressed or implied, including any warranty of merchantability or fitness for a particular purpose in connection with this product. Polycoat Products 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. Polycoat Products 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. Polycoat Products 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 Polycoat Products makes no claim that these tests or any other tests, accurately represent all environments.