



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

PC-260
*Two Component, Solvent Free
Elastomeric Base Membrane
Technical Data Sheet*

DESCRIPTION

PC-260 is a two component, fast setting, fast curing, solvent free, flexible, high performance, and high solids polyurethane elastomeric coating that can be applied to suitably prepared interior or exterior concrete, plywood and metal surfaces. Due to its fast gel time, PC-260 is suitable for applications in temperatures as low as 20°F (-6°C). It may be applied in a single or multiple applications. PC-260 is also relatively insensitive to moisture and temperature allowing applications in varied temperatures and humidity.

FEATURES

- ❖ Non-Gassing
- ❖ Coats Green (Vented) Concrete
- ❖ Can Be Applied at Any Thickness
- ❖ Good Thermal Stability
- ❖ Good Chemical Resistance
- ❖ Meets USDA Criteria
- ❖ Excellent Low Temperature Flexibility
- ❖ Interior or Exterior Applications
- ❖ Recoatable
- ❖ Seamless

TYPICAL USES

- ❖ Vehicular Traffic Areas
- ❖ Sundecks & Balconies
- ❖ Crack Repairs
- ❖ Expansion Joints
- ❖ Stalls, Wash Racks, Kennel Runs
- ❖ Exterior & Interior Pedestrian Traffic Surfaces such as Walkways, Patios, Stairways
- ❖ Interior Surfaces such as Floors, Mechanical Rooms

COLORS

Grey. Tan color is available with minimum order of 250 gallons (945 liters).

Custom colors are also available. Minimum order of 250 gallons (945 liters). See color chart for special provisions. Contact Polycoat Products for more information.

PACKAGING

5 gallon kit: One 5 gallon pail, net fill 4 gallons (15.12 liters) of Part-A and One 1 gallon (3.78 liters) can of Part-B.

1 gallon kit: One 1 gallon can, net fill 0.8 gallons (3 liters) of Part-A and One quart can, net fill 0.2 gallons (0.78 liters) of Part-B.

COVERAGE

PC-260 may be applied at any rate to achieve desired thickness. Theoretical coverage for 1 mil thickness is one gallon per 1520 sq. ft.

SURFACE PREPARATION

Refer to general guidelines for complete information.

MIXING

NOTE: PC-260 may not be diluted under any circumstances.

TECHNICAL DATA (Based on draw down film)

Mix Ratio by Volume	4A : 1B
Coverage Rate	See Guide Specifications
Dry Film Thickness, per coat at 1 gal/100 sq. ft.....	15 ± 2 mils 381 ± 50 microns
Hardness, ASTM D-2240	64 ± 2 Shore A
Tear Resistance, Die C, ASTM D-624	230 ± 25 pli 40.3 ± 4.4 kNm
Split Tear, ASTM D-470	60 ± 5 pli 10.5 ± 0.9 kNm
Tensile Strength, ASTM D-412	1500 ± 100 psi 10.3 ± 0.7 MPa
Ultimate Elongation, ASTM D-412	1000 ± 100%
Total Solids by Volume, ASTM D-2697	95%
Volatile Organic Compounds*	
ASTM D-2369-81	0.46 lb/gal 55 gm/liter

*Contains some high boiling colorless plasticizers

Proportions are premeasured.

Using a mechanical mixer, first pre-mix separately Part-A and Part-B base material thoroughly to obtain a uniform color, making sure to scrape the solids from the bottom and sides of the pail.

Pour Part-B into Part-A slowly and while mixing, scrape the sides of the container. Mix for 1-2 minutes. Box the materials. Mix the combined Part-A and Part-B mixture thoroughly until uniform color is obtained.

APPLICATION

PC-260 should be applied at a temperature of 20°F (-6°C) and above.

For best results, use a squeegee or notched trowel. A phenolic resin core roller may be used but extra care should be taken not to trap air which may result in bubbles.

Requires a continuous coating application to minimize lines and/or streaking.

It is recommended to apply an aggregate of washed, dry, rounded sand, approximately 16 or 20 mesh (0.0331-0.0469 in.; 0.84-1.19 mm), 6.5+ Moh's minimum hardness at a rate of 20 lbs/100 sq. ft. or as required to achieve a slip-resistant finish, into the wet second coat, covering it completely.

CURING

At 75°F (24°C) and 50% relative humidity, allow each coat to cure for 2-4 hours before proceeding subsequent coats. Cure time will vary depending on temperature and humidity.

EQUIPMENT CLEAN UP

Equipment should be cleaned with an environmentally safe, polyurethane-grade solvent (alcohol free) as permitted under local regulations immediately after use.

STORAGE

PC-260 has a shelf life of one (1) year from date of manufacture in original, factory-sealed containers when stored indoors at a temperature between 60-95°F (15-35°C).

LIMITATIONS

Do not open until ready to use. Any off ratio mixing of the product will affect the properties and the product may not cure.

PC-260 should be used as a base membrane only. Topcoat must be applied.

PC-260 cannot withstand direct wear and abrasion.

The following conditions must not be coated with Polycoat Products deck coating systems or products: on grade or below grade slabs, split slabs with buried membrane, sandwich slabs with insulation, slabs over unvented metal pan, suspended pool decks, swimming pools, magnesite, light-weight concrete, asphalt surfaces and asphalt overlays.

WARNING

This product contains Isocyanates and Curative Material.

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.

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