

# PG 400

## PLASTIC ROOF CEMENT

### PRODUCT DESCRIPTION

PG 400 is a general purpose formulation for use as a cold-applied sealing and repair material in many types of non-polymer modified roof membranes. PG 400 has a "trowel-grade" consistency which makes this product ideal for flashing details and a variety of waterproofing repairs, such as moving joints and roof penetrations. PG 400 has a superior formulation that will not separate.

### USES

- Repairing asphalt shingles, conventional built-up roofs, metal and masonry surfaces.
- Sealing leaks and openings at flashings (chimneys, vents, skylights, metal joints, gutters and similar objects used in constructing built-up flashings).
- Positive - side damp proofing of concrete, masonry walls and foundations.
- Not recommended for use with polymer-modified bitumen, thermoplastic, or thermoset membranes.

### FEATURES AND BENEFITS

- High flexibility to accommodate temperature-related expansion and contraction of the roof system.
- Provides exceptional weathering characteristics over a wide range of challenging temperatures and weather conditions. Will not mudcrack and will remain highly resilient and durable through all seasons.
- Interlocking fiber matrix assures uniform, excellent adhesion.
- Exhibits excellent sag resistance when used on vertical surfaces, even at high temperatures.
- Non-destructive to conventional asphalt based roofing membranes.
- Asbestos free – 100% recycled cellulose fibers.

### TYPICAL PHYSICAL PROPERTIES

TEST PROPERTY	TEST VALUE	TEST PROCEDURE
Weight/gal (lb)	8 – 10	ASTM D2939
Solids Weight (%)	> 71	ASTM D1644
Flash Point (OF)	> 105	PMCC
VOC (gm/L)	< 250	Std method
Pliability @ 32°F	pass	ASTM D6511
Sag @ 140°F	pass	ASTM D6511

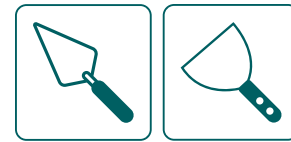
### APPLICATION INSTRUCTIONS

#### Surface Preparation:

- Surfaces to receive coating must be clean, dry and free from any foreign matter such as dirt, oils, grease or other debris that could inhibit the adhesion capabilities of the newly installed products. Priming is recommended when adhering to questionable conditions.
- On existing roofs, inspect roof substrate condition. Blisters, buckles, and raised edges should be cut out and repaired for a smooth surface.
- Check all flashings, edges, drains, valleys and vents and repair as needed.
- Do not use on wet or damp surfaces, directly over wood or on surfaces previously covered with coal tar based products.
- Not recommended for use with polymer-modified bitumen membranes

#### Application:

- Application rate: Approximately 1/8" coat depending on ambient temperature, surface porosity, as well as applicator and/or application technique.



### APPLICABLE STANDARDS

- Meets or exceeds the requirements of ASTM D4586 Asphalt Roof Cement Type I
- Florida Building Code
- Miami-Dade County Product Control Approved



### PACKAGING

- 2.8 Gallon (10.6 Liters) Pail
- 4.75 Gallon (17.9 Liters) Pail



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- Application method: Use pointed trowel or wide-edged putty knife to apply cement evenly and in equal amounts to substrate and flashing. Coat should be 1/8" thick, without gaps, dry areas, or bubbles.
- Three coursing: Apply plastic cement to surface and install fabric or webbing into cement, then apply a final course of roof cement.
- Sealing/Repairs: Work the product into the opening or crack and spread two inches beyond repair area at minimum. Embed reinforcing fabric into the cement for added reinforcement, then cover with additional cement. If desired, repeat procedure for coursing application and feather each layer of fabric beyond underlying layer.
- Do not heat exterior of container or attempt to thin this product. Cold weather will cause product to stiffen, making application more difficult.
- To greatly extend the life of the roof cement, it is recommended that the applicator apply a Polyglass Aluminum roof coating after a minimum of 30 days cure time.

### Storage and Cleaning:

- Shelf life is 24 months if stored in original unopened containers.
- All containers should be sealed when not in use.
- Store between 40°F and 100°F.
- If temperatures are cold, store product in a heated area overnight.
- DO NOT HEAT WITH AN OPEN FLAME.
- Observe normal safeguards for storing and handling of this product prior to and during application.
- Clean equipment and overspray with water.
- Clean hands with waterless hand cleaner.
- Application tools and equipment can be cleaned with odorless mineral spirits solvent. Recirculate through lines and spray equipment guns until residual coating is removed.
- DO NOT USE WATER OR RECLAIMED SOLVENTS.

**For Professional Use Only** - Keep out of the reach of children.

### MANUFACTURING FACILITIES

- Fernley, NV
- Hazleton, PA
- Phoenix, AZ
- Waco, TX
- Winter Haven, FL

### CORPORATE HEADQUARTERS

Polyglass U.S.A., Inc.  
1111 West Newport Center Drive  
Deerfield Beach, FL 33442

[www.polyglass.us](http://www.polyglass.us)

General Line: (888) 410-1375

(954) 233-1330

Customer Service: (800) 222-9782

Technical Service: (866) 794-9659

**Questions?** [technical@polyglass.com](mailto:technical@polyglass.com)

**Product Disclaimer:** Unless otherwise incorporated into or part of a supplemental manufacturer's warranty, Polyglass warrants its product(s) against manufacturing defects that result in the material not complying with product specifications for a period of 12 months.

Refer to safety data sheet (SDS) for specific data and handling of our products. All data furnished refers to standard production and is given in good faith within the applicable manufacturing and testing tolerances. The product user, and not Polyglass, is responsible for determining the suitability and compatibility of our products for the user's intended use.

**For the most current product data and warranty information, visit [www.polyglass.us](http://www.polyglass.us)**



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