

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

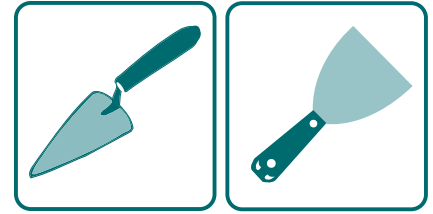
- Repairing asphalt shingles, conventional built-up roofs, metal and masonry surfaces.
- Sealing leaks and openings at flashings (chimneys, vents, skylights, metal joints, gutters and similar objects used in constructing built-up flashings).
- Positive - side damp proofing of concrete, masonry walls 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)	7.8 - 8.5	ASTM D 2939
Solids Weight (%)	>71	ASTM D 1644
Flash Point (°F)	>105 °F	PMCC
VOC (gm/l)	<300	Std method
Pliability @ 32°F	pass	ASTM D 6511
Sag @ 140°F	pass	ASTM D 6511



APPLICABLE STANDARDS

- Miami Dade County Approved
- Meets or exceeds the requirements of ASTM D 4586 Asphalt Roof Cement Type I



PACKAGING

4.75 Gallon (18.0 Liters) Pail

POLYGLASS U.S.A., INC. MANUFACTURING FACILITIES

- Fernley, NV
- Hazleton, PA
- Winter Haven, FL

CORPORATE HEADQUARTERS

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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.
- *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:

- Product shelf life: 24 months from date of manufacture when properly stored.
- Store container 24 hours at room temperature prior to application.
- Observe normal safeguards for storing and handling of this product prior to and during application.
- Keep containers covered when not in use.
- Clean equipment and contaminated surfaces with kerosene or mineral spirits.
- Clean hands with waterless hand cleaner.

WARNING

Combustible Liquid and Vapor - Contains petroleum distillate. Harmful or fatal if swallowed. Vapor harmful. May affect the brain or central nervous system causing dizziness, headache, or nausea. Causes nose and throat irritation. Causes eye and skin irritation. Reports have associated repeated and prolonged occupational exposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal. Keep away from heat and open flame.

Personal Protection - Irritation may result from prolonged or repeated contact with skin. Wear chemical resistant gloves, protective goggles and protective clothing, if needed.

Eye Contact - Rinse immediately with clean water for 15 minutes and seek medical advice.

Waste Disposal - Empty containers must be disposed of in accordance with local, state and federal regulations.

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

For Exterior Use Only

Refer to material safety data sheet (MSDS) for specific data and handling of our products.

All data furnished refers to standard production using manufacturing 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.



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For the most current product data and warranty information, visit www.polyglass.us