

# PG 425 WET AND DRY ROOF CEMENT

## PRODUCT DESCRIPTION

PG 425 is a general purpose formulation for wet weather repair of roof leaks. Its heavy, "trowel-grade" consistency makes this product ideal for sealing and patching temporary emergency holes and cracks in roofs, even in standing water. In addition, the formulation is non-destructive to asphalt based roofing membranes.

## USES

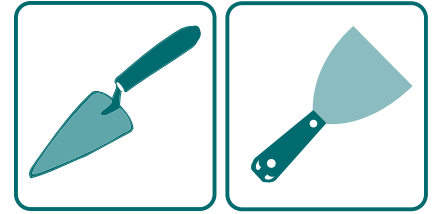
- PG 425 is designed to apply to wet or dry surfaces for repairing composition shingles, asphalt built-up roofs, metal and masonry roofs, for sealing leaks and openings around flashings, chimneys, vents, skylights, metal joints, gutters and similar objects.
- Not recommended for use with thermoplastic or thermoset membranes.

## FEATURES AND BENEFITS

- Contains a specific additive that displaces standing water from wet surfaces to create a tight seal.
- High flexibility to accommodate temperature-related expansion and contraction of the roof system.
- Great bonding strength.
- Provides exceptional weathering characteristics over a wide range of challenging temperatures and weather conditions. Will not mudcrack and will remain highly flexible, resilient and durable through all seasons
- Eliminates the need for kettles and torches
- Interlocking fiber matrix assures uniform, excellent adhesion
- 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
Cone Penetration (dmm)	270 - 290	ASTM D 312
Solids Weight (%)	> 70	ASTM D 1644
Flash Point (°F)	>105 °F	PMCC
VOC (gm/l)	<300	Std method
Sag @ 140° F	pass	ASTM D6511
Pliability @ 32° F	pass	ASTM D6511
Adhesion to wet or under water surfaces	pass	ASTM D3409



## APPLICABLE STANDARDS

- Miami Dade County Approved
- ASTM D 4586 Type I.
- ASTM D 3409 (adhesion to wet surfaces)



## PACKAGING

2.8 Gallon (11.0 Lites) Pail  
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 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 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.



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