



FlexShield

#105 Glass Reinforced Roof Cement

Product Information and Technical Data

#105 Glass Reinforced Roof Cement is a unique, all-weather, all-temperature roof cement manufactured using select long glass fibers in a special gel structured formula. This remarkable feature allows the material to be easily troweled in cold weather and evenly brushed in hot weather. **#105 Glass Reinforced Roof Cement** will not sag, even on vertical surfaces. **#105 Glass Reinforced Roof Cement** is usable without reinforcing fabric in all but the most extreme cases. Its self-reinforcing properties make **#105 Glass Reinforced Roof Cement** superior to standard flashing and roof cements for tensile strength and elongation properties. **#105 Glass Reinforced Roof Cement** is manufactured with special wet surface adhesives that promote application in wet weather. Exceptional durability and unparalleled ease of application combine to make **#105 Glass Reinforced Roof Cement** the chosen repair and flashing cement of roofing professionals. It meets all requirements of ASTM D-4586-86.

Uses

- Most excellent for use on emergency repairs.
- Quick, flexible and durable flashing cement.
- Apply **#105 Glass Reinforced Roof Cement** for any application where a plastic-like cement would ordinarily be used.

Advantages

- Tremendous ease of application.
- Simplified repairs, saving time and energy.
- Excellent adhesion to wet and damp surfaces.
- Superior tensile strength and elongation make for tough, durable repairs.
- **#105 Glass Reinforced Roof Cement** may be used in any weather, hot, cold, wet or dry.

Installation

Coverage

Product yield varies from 3 to 8 gallons per 100 square feet. Coverage varies according to the character of existing surface texture but, as a general guide, smoothed to a thickness of 1/8 inch requires 7 gallons per 100 square feet.

Surface Preparation

Remove all dirt, dust, debris and standing water by brooming and forced air where necessary and where no danger or nuisance were caused to adjacent areas. All loose gravel must be removed from ballasted roofs. Scrape back all loose or scaled coating to a still-bonded edge. Make all necessary repairs to surfaces prior to coating. Make sure surface edges of repair area were flush with surrounding surfaces. For composition or metal roofs, replace all loose or stripped fasteners using next-larger size. Make sure all laps are tight. Dried-out felt or composition, oxidized metal, and all concrete surfaces should receive an application of **#101 Asphalt Primer** prior to repairing. Rusted metal roofs, or areas of scaled coating, may require steel brushing and scraping. Standing water must be removed, but material is designed for application to damp surfaces.

Application

Apply by trowel directly to repair area. In warmer temperatures and large areas, pour material directly from container and spread using a 3-knot roofing brush or equivalent. For flashing work, material may be quickly troweled onto the vertical surface and smoothed out using a roofing brush. Reinforcing membrane is not necessary unless severe movement were indicated, such as large cracks or splits, at expansion joints and similar conditions.

Surfaces to be coated may be dry or wet. Thoroughly soaked substrates may impair adhesion. For a soaked substrate, it's important to de-water as thoroughly as possible prior to repairing/sealing over them.

#105 Glass Reinforced Roof Cement Cleans up with mineral spirits, but never thin with any other solvents. For the easiest workability in extremely cold temperatures, warm containers by storing them overnight in a room at 65° to 75° F.

Drying Time: Eight to twelve hours to a light touch. Heavy applications should not be subjected to foot traffic.

Restrictions:

Do not use with PVC Film. Do not use where material, once applied, may come into contact with potable water. Not for use on or with products containing coal tar. Do not use on slate shingles or apply directly to wood surfaces. Surfaces to be repaired must be dry and clean and must remain so for 24 to 48 hours after application. Not for use over rubber or plastic membranes - asphalt modified only. For exterior use only.

Cautions:

This product is combustible. Keep away from heat, sparks and open flame. Avoid repeated or prolonged contact with skin. If swallowed, do not induce vomiting. Contact Physician immediately. Keep container closed when not in use. KEEP AWAY FROM CHILDREN. Product label and Material Safety Data Sheet contain further information on the safe use of this product and precautions for the safe disposal of the container. They should be read and understood prior to use.

SPECIFICATIONS

| | |
|---|---------------------|
| Solids by Weight | 75% |
| Solids by Volume | 68% |
| Weight Per Gallon: Pounds | 9.3 |
| Flash Point | 105° F (Seta C.C.) |
| P.H. | N/A |
| Viscosity at 77° F. | 545,000 cps. |
| Long-Term Service Temperature | -60° F. to +160° F. |
| Water Resistance: Intermittent Exposure | Excellent |
| Water Resistance: Poned | Fair |
| Solvent Resistance | Poor |
| U.V. Resistance | Good |

PACKAGING INFORMATION

| Product Number | Size | Quantity | Weight |
|----------------|--------|----------|---------|
| 105-005 | 5 Gal. | Each | 50 lbs. |

Availability: Products are immediately available from GlobalShield, Inc. throughout the United States.

Cost: Cost data is available from your local GlobalShield representative.

Technical Services: GlobalShield Technical Services Department provides problem analysis and assistance in developing recommendations for special applications. Warranted systems require inspection by GlobalShield prior to installation. Progress and final inspections are also required.

Statement of Policy and Responsibility:

GlobalShield takes responsibility for the furnishing of quality materials, and providing specifications and recommendations for their proper installation. GlobalShield does not, either itself or through its representative, practice architecture or engineering. GlobalShield offers no opinion on and expressly disclaims any responsibility for the structural soundness of any roof deck on which its products may be applied. Opinions of competent structural engineers should be obtained by the owner as to the structural soundness of the roof deck, or its ability to properly support the contemplated roof installation. GlobalShield accepts no liability for any failure of the roof deck or resultant damages, and no GlobalShield representative is authorized to vary this disclaimer.



320-O Northpoint Parkway
 Acworth, GA 30102
 800-374-7663
 770.974.2499
 F= 770.974.2723
 info@globalshield.us
 www.globalshield.us