



FlexShield

#103 Wet/Dry Roof Cement

Product Information and Technical Data

#103 Wet/Dry Roof Cement is a heavy consistency, trowel-applied mastic formulated with refined asphalts, special fillers, plasticizers and solvents. Formulated as all-purpose repair cement, it contains special additives that provide excellent adhesion to damp substrates. It remains soft and pliable through all climatic conditions assuring a durable, weatherproof seal. Available in both asbestos and asbestos-free formulations. Meets all requirements of ASTM D4586-86 (asbestos-free).

Uses

Use for normal or emergency repairs, in inclement weather, or for any rooftop repair where standard cement would ordinarily be used. Use for repairs where ordinary repair cement won't adhere (wet, damp surfaces and under water).

Advantages

- Easily applied with trowel or putty knife.
- Use on damp surfaces for a long-lasting protective seal.
- Stays soft and pliable in all types of weather.

Installation

Coverage

An application 1/8 to 1/4 inch thick will require 4 to 8 gallons per 100 square feet. Smoother surfaces require less material.

Surface Preparation

Remove all dirt, dust, debris and standing water by brooming or by forced air, where necessary, and where no danger or nuisance may be caused to adjacent areas. All loose gravel must be removed from ballasted roofs. Scrape back to a hard edge all loose or scaled coating. Make all necessary repairs to existing surface prior to coating. Make sure surface edges to be repaired are flush to surrounding surface. On composition or metal roofs, replace all loose or tented fasteners using larger fasteners. Make sure all laps are tight. Dried-out felt or composition asphalt, oxidized metal and all concrete surfaces should receive an application of **#101 Asphalt Primer** prior to repairing. Rusted metal roofs or areas with scaled coating may require steel brushing and scraping. Adhesion under standing water may be attained by trowelling with pressure, but material is formulated for application to damp surfaces.

Application

Apply by trowelling onto the repair area. Press material tightly into cracks, splits and seams in vertical and horizontal surfaces. To repair large cracks and splits, scrape or cut away rough open edges making flush as possible with surrounding surfaces. Apply a layer of Asphalt Mastic onto opening of crack or split. Be sure to work material into opening, establishing a bond to all contact points. Work material to a smooth, even surface and feather edges out about two inches from sides and six inches from ends. Imbed a layer of glass, cotton or polyester mat into the fresh cement. Apply another coat of cement over the entire area, feathering the edge to approximately four inches beyond the edges of imbedded fabric. For blisters, cut or scrape away the detached area. Allow to air dry, if moisture were present, and proceed with repairs similarly as for large cracks and splits.

The product will displace most moisture, but for best results, it's important to remove as much moisture as possible prior to application.

#103 Wet/Dry Cement cleans up with mineral spirits, but do not thin the product with solvents.

For unrestricted workability in cold temperatures, warm containers by storing them overnight at temperatures above 65°F.

Drying Time: 8-12 hours for light touch. Heavy applications should not be subjected to foot traffic.

Restrictions

Do not use with PVC film.

Do not use where material 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 remain so 24-48 hours after application.
 Not for use over rubber or plastic membranes – asphalt-based 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 additional 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	78%
Solids by Volume	70%
Weight Per Gallon: Pounds	9.6
Flash Point	105° F (Seta C.C.)
P.H.	N/A
Viscosity @ 77° F.	640,000 cps.
Long-Term Service Temperature	-60° F. to +160° F.
Impermeability: Intermittent Exposure	Excellent
Impermeability: Poned	Fair
Solvent Resistance	Poor
U.V. Resistance	Good

PACKAGING INFORMATION

Product Number	Size	Quantity	Weight
103-005	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 also required.

Statement of Policy and Responsibility:

GlobalShield takes responsibility for furnishing quality materials, 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 and expressly disclaims any responsibility for the structural soundness of any roof deck upon which its products may be applied. Opinions of competent structural engineers should be obtained by the owner as to the structural soundness of a roof deck or its ability to properly support the contemplated roof installation. GlobalShield accepts no liability for failure of any roof deck or resultant damages, and no GlobalShield representative may vary this disclaimer.

