



FlexShield

#102 Roof Cement

Product Information and Technical Data

#102 Roof Cement is a heavy consistency, trowel-applied mastic formulated with refined asphalts, special fillers, plasticizers and solvents. Designed as an all purpose repair cement, it bonds tightly and remains soft and pliable. This flexibility allows for expansion and contraction throughout all weather seasons providing a durable, waterproof seal. It is available in and asbestos free formulations. Meets all requirements of ASTM D-4586-86 (asbestos free).

Uses

Use for any rooftop repair including: flashings, chimneys, cracks and splits, blisters or anywhere that a tight, weatherproof seal is needed.

Advantages

- Easily applied with trowel or putty knife.
- Excellent adhesion provides tight, long-lasting protective seal.
- Stays soft and pliable in all types of weather.

Installation

Surface Preparation

Remove all dirt, dust, debris and standing water by brooming and by forced air where necessary and where no danger or nuisance is caused to areas adjacent to work. 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 of areas to be repaired are flush to surrounding surface. On composition or metal roofs, replace all loose or pushed up nails with larger ones. 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.

Apply by trowel to area to be repaired. 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 to make as flush as possible to surrounding surface. Apply a layer of #102 Roof Cement to crack or split opening. Be sure to work

material into opening establishing a bond to all contact surfaces. Work material to a smooth, even surface and feather the edge to about two inches from sides and six inches from ends. Imbed a layer of glass, cotton or polyester mat in the freshly applied material. Apply another coat of cement over entire area, feathering the edge to approximately four inches beyond the edge of imbedded fabric. For blisters, cut or scrape away the puffed up and poorly bonded area. Allow to air dry, if any moisture is present, and proceed with repair in the same way as for large cracks and splits. #102 Roof Cement cleans up with mineral spirits, but do not thin the product with this or any other solvents.

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

Percent Solids by Weight	78%
Percent Solids by Volume	70%
Weight Per Gallon: Pounds	9.6
Flash Point	105° F (Seta C.C.)
P.H.	N/A
Viscosity at 77° F.	640,000 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
102-005	5 Gal.	Each	50 lbs.

Availability and Costs:

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. Warranty 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.

