



# **FlexShield 101**

## **Asphalt Primer**

### **Product Information and Technical Data**

**FlexShield 101 Asphalt Primer** is a premium quality blend of asphalts and solvents formulated to penetrate, soften and tenaciously adhere to old, dry roofing felts. Applied as directed, Asphalt Primer provides a sound base for the application of asphalt coatings, emulsions, adhesives and cements. Asphalt Primer is also designed for use on weathered metal and previously uncoated concrete roofs. Meets all specifications of ASTM D41-88.

#### **Uses**

FlexShield 101 Asphalt Primer is used to promote adhesion on built up roofs and exposed or dry felts. Use on weathered metal and all previously uncoated concrete roofs. Use on any roof application where adhesion problems may occur.

#### **Advantages**

FlexShield 101 Asphalt Primer promotes adhesion to badly weathered roof surfaces. Provides a sound base for the application of roof coatings. Economical and easy to use

#### **Installation**

##### **Coverage**

Product yield to achieve desired rate will be from .75 to 1 gallon per 100 square feet. The yield varies according to the existing surface texture. As a general rule, the smoother the surface, the less material is required. Recommended application rate is 8 to 12 mils wet film thickness that will produce 4 to 6 mils dry. A mil is 1/1000 of an inch.

##### **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.

##### **Application**

Apply Asphalt Primer by airless spray or pump and gun sized by a knowledgeable pump dealer or by pouring

directly from the container and spreading with a standard roofing brush. It can also be paintbrush applied. On dusty areas, a brush should be used to work the material into the surface.

FlexShield 101 Asphalt Primer cleans up with mineral spirits, but do not thin the product with this or any other solvents.

For the easiest workability in cold temperatures, warm containers by storing them overnight in a room at 65° to 75° F.

Drying Time: Two to Four hours to touch at 70° F. & 50% relative humidity.

Allow Asphalt Primer to penetrate and set for a full four hours before applying solvent based coatings and 24 hours before applying emulsion products.

#### **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 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	52%
Percent Solids by Volume	48%
Weight Per Gallon: Pounds	7.4
Flash Point	105° F (Seta C.C.)
P.H.	N/A
Viscosity at 77° F.	25-125 S.F.S..
Long-Term Service Temperature	N/A
Water Resistance: Intermittent Exposure	Fair
Water Resistance: Ponded	Poor
Solvent Resistance	Poor
U.V. Resistance	Poor

## PACKAGING INFORMATION

Product Number	Size	Quantity	Weight
101-055	55 gal.	Each	475 lbs.
101-005	5 gal.	Each	40 lbs.

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### 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.



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