

BULLDOG/DUREX #BC123 ELASTOMERIC COATING - BASE COAT



DESCRIPTION

BULLDOG / DUREX BC123 Elastomeric coating is a waterborne product formulated with 100% acrylic resins that creates a seamless, monolithic coating when cured. The coating provides superior durability, weatherability and elongation.

Designed to accommodate building movement, this Elastomeric single component, non – flammable, breathable, high – performance coating resists ultra violet radiation. It has excellent low temperature flexibility and has high moisture resistance. This product contains biocides and mildewcides to prevent algae growth on roofs.

This coating meets all VOC regulations.

USES

BULLDOG / DUREX BC123 Elastomeric Coating is designed for use as a base coat or initial coat prior to the use of BULLDOG / DUREX TC 101 which is the top coat. The base coat is the same formulated material as that of the top coat but is provided in an alternate color that is generally a gray color. The use of this alternate color assists the applicator in achieving proper coverage on the top coat. BC123 is an applicable product for use on thoroughly prepared metal, modified membranes, asphalt, EPDM, Hypalon®, plywood and masonry surfaces. There may be a surface specific primer required for use prior to applying BC 123. Consult with factory for proper surface preparation prior to use.

The base coat can be left exposed for a period of time prior to the application of the top coat for no longer than three months. This is an allowance time for any changes in weather or access to roof due to any situations beyond the control of the applicator.

Do not use on areas that pond water. Do not allow product to freeze.

SURFACE PREPARATION & REPAIRS

All surfaces must be thoroughly prepared to properly accept the coating. Clean roof of all loose dirt, debris, oil and any contaminants that may interfere with adhesion. METAL: Remove all loose rust and apply applicable rust primer if necessary.

SINGLE PLY MEMBRANES: Thoroughly power wash all single ply roofs to remove any dirt. BULLDOG #115 EPDM Rinseable Primer must be used on all roofs of this composition. See product information sheet for specific details.

Remove any blisters on roof and make repairs. All loose gravel on gravel surfaced roofs must be removed. Any areas that pond water (water that lays on roof surface for 24 hours) should have a drain installed or a slope to drain should be constructed using acceptable roofing practices.

METHOD AND RATE OF APPLICATION

Apply by roller, brush, or spray. Clean surface prior to use by power washing. Allow to dry prior to application of base coat. Broom or blow off any loose dirt or debris. Apply BC123 at the minimum rate of one gallon per 100 square feet when used as the base coat for a roof maintenance application. When the base coat cures the application of the top coat utilizing BULLDOG / DUREX TC 101 can be accomplished.

Application rates can vary depending upon porosity of surface coating is applied and irregularity of substrate to which product is applied.

(over)

APPLICATION EQUIPMENT

Rollers should be medium or long nap.

Suggested Spray Equipment: Airless spray capable of 2500 – 3000 psi with an output of 2 – 2.5 gallons per minute. Tip size: .027 - .041.

APPLICATION TEMPERATURES

This is a waterborne product and should not be applied below temperatures of 50°F. Under proper conditions the coating will cure between 2 – 4 hours. High humidity will retard dry time. Allow base coat to thoroughly dry prior to application of successive coats.

CONTAINER SIZE	APPROXIMATE SHIPPING WEIGHTS
5 Gallons	64 Pounds

TYPICAL PHYSICAL CHARACTERISTICS

Weight per Gallon	12.1 lbs.
% Solids by Volume	66.9
Pigment volume concentration	43.0%
Viscosity	110 KU
pH	8.6
Low temperature flexibility	Passes 1/8" mandrel bend @ -30°..... ASTM C-734
Elongation at break	245% @ 74° F 130% @ 0° F..... ASTM D-412
Tensile Strength at break	165 psi @ 74° F 660 psi @ 0° F..... ASTM D-412
Recovery after 25% elongation	65%..... ASTM D-412
Permeability (20 mil film)	< 20 perms..... ASTM E96-80
Accelerated Weathering	No effect after 2 years weatherometer..... ASTM G-53
Theoretical Coverage @ 1 Dry Mil	833 sq. ft. = 8.33 mils/gallon/100 sq.ft.
Surface temperature at application	50° F minimum 95° F maximum
Dry Time	Depends on temperature, direct sunlight, air movement, relative humidity, dew point, etc. and can vary considerably. Also, the thicker a coating is applied the longer it will take to dry. Allow 2 hours between coats.

Clean Up of Tools

COPYRIGHT © PALMER ASPHALT COMPANY 5-08

Water

The typical characteristics shown for this product are based upon the average of test results conducted on the finished product and on the raw material components used. They are subject to production variations and may be changed without notice. All other information contained on this sheet is to be used as a guide. For proper use and application please observe instructions and cautions on container.

DISCLAIMER OF WARRANTIES . The application procedures and other information contained herein or on any other literature or on the labels of any of our products is intended to provide a guide for the general use, handling, and storage of products produced by Palmer Asphalt Company and is based upon ideas that are well tested and believed to be reliable. Palmer Asphalt Company hereby disclaims all warranties, either expressed or implied, since it cannot control workmanship, weather, quality of other materials used, and other variables that might affect the results. Liability under this warranty is limited to the replacement of our material or refund of its cost at our option. This Company does not authorize any agent or any representative to make any warranty.

PALMER ASPHALT COMPANY
196 WEST 5TH ST
P.O. BOX 58
BAYONNE, NJ 07002
PHONE (201) 339-0855
FAX (201) 339-8320
www.palmerasphalt.com