

PRODUCT IDENTIFICATION

PERMAROOF® PATCHING CEMENT

#45105P – 5 gallon pails

HEAVY DUTY ROOF CEMENT

Description

PERMAROOF Patching Cement is an asphalt-based, heavily fibrated mastic blended with penetrating oils and plasticizing agents. PERMAROOF Patching Cement is asbestos free and complies with ASTM D 4586-00, Type II, Class I, the Standard Specification for Asphalt Roof Cement, Asbestos-Free.

Uses

PERMAROOF Patching Cement's is used for repairing and restoring flashings and asphalt built-up roofing defects including blisters, cracks, and punctures. It is also used for adhering new asphalt ply to modified bitumen membrane flashings. Added strength can be obtained by using reinforcing fabrics.

Advantages

PERMAROOF Patching Cement is a low odor, trowel grade patching cement. The reinforcing fibers will resist cracking and provide a strong foundation when asphalt topcoats are required.

Limitations

Application temperature shall be above 40°F. Not intended for use in areas subject to vehicular traffic, ponding water and over tar or silicone based coating. Do not apply when rain is imminent.

Coverage

PERMAROOF Patching Cement is to be applied at the following recommended coverage rates:

40-50 ln. ft. per gallon @ 1/4" thick

20-25 ln. ft. per gallon in a three course (cement/fabric/cement) application

NOTE: Because of the irregular, rough surface that can be encountered, these amounts are minimum requirements and may be increased due to surface conditions.

Preparation

All surfaces are to be free of dirt, grease, oil, chalk, loose paint, rust, mortar, and other foreign matter which could prevent proper adhesion. On surfaces with embedded aggregate, completely remove stone at least 12" around area to be restored.

Application

For blisters, make an incision in delaminated plies in a manner to allow the delamination to be folded back. Sponge out water and allow to air dry. Trowel a liberal application of PERMAROOF Patching Cement into the opening, pressing the delaminated plies into place. Apply PERMAROOF Patching Cement at about 1/8" thick and 8" wider than the blister area. Embed PERMAFAB cut about 6" wider than the blister area. Apply PERMAROOF Patching Cement at 1/4" thick and a minimum 2" beyond the PERMAFAB edges.

If blister is unable to be repaired in the above manner, remove blister and square off blistered area to allow for application of new ply sheets and/or modified bitumen membrane. Making sure repair is level with existing system. Apply PERMAROOF Patching Cement at 32 wet mils, as a cold adhesive, between existing base ply and all subsequent plies. Using PERMAROOF Patching Cement and 6" PERMAFAB, three-course around the entire patch. Allow to cure for 24-48 hours, weather conditions will dictate actual cure rates.

TECHNICAL DATA

Weight per Gallon (ASTM D 1475) 9.3 lbs./gal.

Viscosity @ 77°F

(ASTM D 2196-99) 480,000-1,000,000 cP

Resistance to sag

(ASTM D 4586-93) 1/8 in.

Dry Time 24 hours

Flashpoint 114°F

Clean Up Mineral spirits



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PERMAROOF[®] PATCHING CEMENT

Maintenance

It is recommended that the coating installation be checked on a regular schedule with additional inspections after the system has been exposed to severe weather conditions. Small area touch up can be made at any time by following recommended application procedures.

Technical Services

Technical advice or service on suitability of material for specific application and end-use requirements is available from the manufacturer. Refer to label and Material Safety Data Sheet (MSDS) for precautionary information.



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