

PRODUCT IDENTIFICATION

PERMAROOF® TAR PATCH

#40405P - 5 gallon pail

TAR-BASED MASTIC

Description

PERMAROOF TAR PATCH is composed of coal tar pitch, reinforcing fibers, and plasticizers blended for year-round roof repair.

Uses

PERMAROOF TAR PATCH is used for general repairs on coal tar roofs, including breaks and blisters.

PERMAROOF TAR PATCH can be used effectively for emergency repairs on wet roof surfaces of coal tar BUR. Added strength can be obtained by using PERMAFAB reinforcing fabric.

Limitations

Not intended for vertical surfaces, pronounced slopes or asphalt roofs. Not for use on EPDM, PVC, TPO or PIB single ply roof membranes.

Technical Data

Property	Typical Value	Test Method
Abestos content	None	EPA 600/R-93/116
Viscosity @ 77°F (25°C)	480,000 - 1,000,000 cp (480-1.000 Pa-s)	ASTM D 2196-86 (1991)
Density @ 77°F (25°C)	9.1 lb./gal (1.09 kg/L)	ASTM D 1475-90
Nonvolatile matter, min	73%	ASTM D 4022-81
Behavior @ 140°F (sag resistance)	1/8" (3mm) max	ASTM D 4586-93
Adhesion to wet surface, min	75%	ASTM D 3409-81 (1987)
Moisture vapor transmission rate	0.1-0.4 g/100 in 2/24 hrs @ 0.020 inch thickness	ASTM E 398-83
Volatile organic compound (less water, less exempt solvent)	<300 g/l	ASTM D 3960-89
Storage life	1 year in unopened container	

Coverage

40-50 ln. ft. / gallon in a single troweled layer at approximately 1/4" thickness, or 20-25 ln. ft. / gallon in a 3 course (mastic, fabric reinforcement, mastic) application. Rates will vary depending on ambient temperatures and actual surface conditions.

Preparation

Remove loose gravel, dirt, dust, rotted felt, and foreign matter. Apply over clean, sound, dry base for repairs. Temporary emergency repairs can be applied over wet surface. Ruptures on horizontal surfaces should be repaired using PERMAROOF TAR PATCH and PERMAFAB.

How to Determine whether a roof is tar or asphalt:

Drop a pea size piece of the bitumen into a container of mineral spirits. Tar will not be affected by the solvent, while asphalt will dissolve and turn the liquid a dark brown or black color.

Application

PERMAROOF TAR PATCH is intended for use only on horizontal surfaces. Where repairs are needed on vertical roof projections, such as flashings, parapet walls or vent pipes, use PERMAROOF PATCHING CEMENT on the vertical surface.

A simple technique for joining the horizontal and vertical surfaces:

1. Apply PERMAROOF PATCHING CEMENT about 4" to 5" up on the vertical surface, about 1/4" thick.
2. Apply PERMAROOF TAR PATCH about 4" - 5" out on the horizontal surface, about 1/4" thick, meeting the PERMAROOF PATCHING CEMENT.



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PERMAROOF[®] TAR PATCH

3. Lay a strip of 6" PERMAFAB into the cements, about 3" up on the PERMAROOF PATCHING CEMENT and 3" out on the PERMAROOF TAR PATCH.
4. Cover each surface again with PERMAROOF PATCHING CEMENT on the vertical and PERMAROOF TAR PATCH on the horizontal surface, each about 1/4" thick and feather edged out.

Maintenance

It is recommended that the installation be inspected 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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The information provided on this data sheet is effective as of July 2008 and supersedes all previous data concerning this product and its application.

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