AMITY INSULATION
DISTRIBUTORS & FABRICATORS

PROUDLY CANADIAN

PROTHERM VAPOUR BARRIER MASTIC



CHARACTERISTICS

Amity Protherm Vapour Barrier Mastic is an asphalt-based cutback type adhesive and vapour barrier coating designed to be used over insulation on piping and equipment components in low to moderately high temperature environments. Its trowel grade consistency provides an effective vapour barrier over a number of insulation materials such as polystyrene, polyisocyanurate (urethane), cellular glass, fiberglass, bead board and cork. The cured coating will form an impermeable tough and durable finish.

Applied properly, the mastic will provide protection against moisture, fog, fumes, dust and chemical corrosives present within the atmosphere. Prior to application, the surface shall be firm and free from loose particles, cracks, grease, oil, frost, snow, ice and other foreign matter.

Our product is intended to be used in lower to medium temperatures and should not be exposed to high temperatures during the curing period. Amity Protherm Mastic should not be used where solvent odors may contaminate foods or other susceptible products.

PHYSICAL AND THERMAL PROPERTIES

Colour	Black
Solids	Approximately 75%
Weight	10 LB/Gal (1 KG/L)
Drying Time	24 hours average
Application Temperature Range	10° to 38° C (50° to 100° F)
Temperature to which dry film is subjected	-51° to 163° C (-60° to 325° F)
Flammability	Wet = flammable, Dry = burns
Moisture Presence	Less than .03 perms @ 1.5 mm wet film (ASTM E-96)
Water Content	1% Maximum
Approximate Flash Point	104° F (40° C)

COVERAGE

1/8" (3mm) Film	5 ft²/gal (.32 m²/L)
1/16" (1.5mm) Film	32 ft²/gal (.65 m²/L)
Spot application	100 ft²/gal (2.0 m²/L)
Bead Application	100 ft²/gal (6.7 m²/L)
Notched Trowel	50 ft²/gal (1.0 m²/L)

INSTALLATION INSTRUCTIONS

If temperatures are 50°f (10°c) or below, please warm the material by leaving it in a heated building overnight. DO NOT USE FLAME TO HEAT.

Full coat and notched trowel application.
Apply adhesive at specified coverage to one or both surfaces to be bonded. Press insulation into place using a firm twisting motion to ensure even contact.

Spot application
Apply ¾" x ¾" (20mm x 20mm) gobs on 10" (25 cm) centers, press into place.

Bead application
Using a bulk caulking gun or pneumatic dispenser, extrude a continuous 5/16" (8 mm) bead on 8" (20 cm) centers. Keep adhesives with in 3" (8 cm) of the edge of the board. Press insulation into place.

When stored indoors in original, unopened containers at temperatures between 4-32°C, optimum performance and best uses is obtained within two years of date of manufacture.

Tip: Always allow approximately 10 minutes between applying the adhesive and pressing the board into place to ensure optimum adhesion and reduce chances of solvent buildup behind the insulation.

PRECAUTIONS

Contains flammable solvents. Keep away from heat and open flame. Use in well-ventilated area. Do not use where solvent odors may contaminate foods or other susceptible products. Do not expose to high temperatures during curing period.

This information is representative at the time of publication and should not be deemed to constitute or imply any warranty of performance. The user is responsible for determining the suitability of the material for the respective application. All drawings, descriptions and photos remain Amity's exclusive property and cannot be used without the prior written consent of Amity management. This publication renders all previous copies invalid. Amity's sales policy is applicable at all times. PRotherm is a registered trademark.