

Two-Component, Epoxy-Based, Vapor Barrier Primer

DESCRIPTION:	AlphaGuard PUMA VB is a two-component, epoxy-based, solvent-free vapor barrier primer resin for concrete surfaces.
BASIC USES:	AlphaGuard PUMA VB is used in conjunction with the AlphaGuard PUMA system applications over structural concrete substrates.
PACKAGING:	Part A - 2.4 gals (9.08 L) Part B - 1.2 gals (4.54 L)
COLOR:	Amber
GRADE:	Brush / Roller / Squeegee
POT LIFE:	10 - 15 minutes. <i>*Pot life dependent on ambient, substrate, and product temperature.</i>
STORAGE LIFE:	<p>12 months in unopened containers. Recommended storage conditions are indoors in a ventilated, dry area removed from heat, open flame, ignition sources, and direct sunlight. Storage temperatures should range from 60-70°F (15-21°C) and must not exceed 110°F (43°C).</p> <p>On the job site, materials should remain on the pallet until use and be stored in a shaded, ventilated area. Materials should be covered with a light-colored, reflective tarp for protection against the elements. Allow for adequate air flow inside the pallets.</p> <p>Shelf life could be effected if the product is not stored properly.</p>
APPLICATION:	<p>Preparation: Surface must be clean, dry, solid and free of dirt, grease, oil, algae, and any other debris/contaminants.</p> <p>Allow new concrete to cure for a minimum of 28 days and until moisture, RH, and compressive strength values reach an appropriate level. Concrete surfaces must be shot-blasted to an ICRI 3-6 surface profile.</p> <p>Repairs: If AlphaGuard PUMA is being installed over an existing roof system, all appropriate repairs should be made prior to applying the AlphaGuard PUMA system. Allow suggested cure time of repairs before application.</p> <p>Mixing: Use a heavy duty power drill with Jiffy Mixer attachment. Cordless drills are not recommended and may not properly mix the materials.</p> <p>Add AlphaGuard PUMA VB Part A and Part B to a separate container and mix the combined materials for a minimum of 3 minutes moving the mix blade from top to bottom. Make sure to mix areas around side walls and bottom of pail. Improper mixing will result in non-curing material. Never fully invert empty pails in attempt to drain material – will result in non-curing material.</p> <p>Do not break down kits into smaller quantities - MIX ENTIRE KIT!</p> <p>Application: Apply AlphaGuard PUMA VB in two coats. Apply the initial coat at 1 gal / 100 sq. ft. (16 wet mils) minimum. Allow primer resin to cure prior to applying subsequent coats. Apply a second coat at 1 gal / 100 sq. ft. (16 wet mils) and immediately broadcast 20-40 mesh silica sand into the wet primer resin until refusal.</p>

AlphaGuard® PUMA VB

ACCEPTABLE SURFACES/SUBSTRATES:

Smooth BUR	Gravel BUR	Concrete	Foam	Modified Bitumen	Metal	Single Ply	SPUF	Walls
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Allow new concrete to cure for a minimum of 28 days and until moisture, RH, and compressive strength values reach an appropriate level.

COVERAGE RATE:

Applied in two coats at 1 gal / 100 sq. ft. (16 mils) each
20-40 mesh Silica Sand broadcast into second coat until refusal

CLEAN UP:

Clean tools immediate after use with AlphaGuard PUMA Cleaner.

LIMITATIONS:

- Not for use over expanded polystyrene, extruded polystyrene, plywood, tongue and groove decks, wood decks, poured in place gypsum, lightweight insulating concrete, lightweight structural concrete, cementitious wood fiber decks, coal tar pitch, gravel surfaced BUR, corrugated metal roof systems, and SPUF roofing substrates.
- Do not apply in falling precipitation or when precipitation is imminent.
- Only apply when ambient temperature is -20°F - 95°F (-28°C - 35°C).

PRECAUTIONS:

Use Tremco AlphaGuard PUMA with adequate ventilation. If the product is applied in enclosed areas without natural ventilation, forced ventilation must be arranged. Avoid strong concentration of vapor as well as direct contact with skin or eyes. Users must read container labels and Material Safety Data Sheets for health and safety precautions prior to use.

MAINTENANCE:

Your local Tremco Roofing Representative can provide you with effective maintenance procedures which may vary, depending upon specific conditions. Periodic inspections, early repairs and preventative maintenance are all part of a sound roof program.

TECHNICAL SERVICES:

Your local Tremco Representative, working with the Technical Service Staff, can help analyze conditions and needs to develop recommendations for special applications. The services of the Tremco Research Center, which has earned a unique reputation in weatherproofing technology, complement and extend the services of the Tremco Technical Service Staff.



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