

Premium III Pak-Free Asphalt

A Quality Controlled, Low Odor Hot-Melt Adhesive Packaged in Meltable Plastic Film

Composition: Premium III Pak-Free Asphalt is a high quality roof mopping asphalt processed from a closely monitored asphalt flux, and packaged in easy to handle polyethylene plastic wrappers. The wrapping plastic on each package is suitable for placement in a standard roofing hot-kettle without removing it from the asphalt. In addition, a compatible low odor additive is blended within the hot melt to reduce jobsite odors. Premium III Pak-Free Asphalt meets tightly controlled performance characteristics and performs in accordance with ASTM D 312, the Standard Specification for Asphalt Used in Roofing.

Basic Uses: Premium III Pak-Free Asphalt is designed for application as a thermoplastic hot melt adhesive in a variety of built-up roof configurations. The Pak Free packaging helps reduce jobsite waste by eliminating asphalt keg containers and increasing the amount of asphalt which may be shipped per pallet. The meltable polyethylene wrapper is not removed from each asphalt package, instead, is placed in the hot kettle as a unit and melts away.

Premium III Pak-Free Asphalt is suitable for use as an interply adhesive for standard built up roofs, especially for steep-sloped roof applications. In addition, Premium III Pak-Free Asphalt may be used as a flood coat surfacing adhesive for asphalt built up and SBS modified bitumen roof systems, along with being recommended for use to adhere Tremco approved roof insulation boards to acceptable substrates.

Limitations:

- Not intended to perform under ponding conditions. Positive drainage required.
- Not to be exposed to solvents, oils, or other contaminants harmful to asphaltic materials.
- Not for use over expanded polystyrene (EPS) or EPS composite insulations installed in any configuration unless EPS is encapsulated within lightweight insulating cellular concrete.
- Not for hot applying membrane systems directly over isocyanurate insulation. Isocyanurate insulations must be overlaid with either 1/2" (13mm) fiberboard, 3/4" (19mm) fibrous glass, or 1"(25mm) perlite (minimum thicknesses).
- Not for use over phenolic insulations installed in any configuration.
- Backnail felts on roofs with slopes 2:12 (2" per foot) or greater. Do not install on roofs with slopes greater than 3:12 (3" per foot).
- Do not install when ambient temperatures are below 50°F (10°C) unless special cold weather application procedures

are followed. Consult your local Tremco Representative for details.

Packaging: Available in 50 lb (22.5 kg) units, individually wrapped in a meltable polyethylene film. Sold by the pallet only.

Two pallet sizes are offered. Pallet size is based on regional availability.

- 2,500 lbs (1,134 kg) per pallet – 50 units
- 2,000 lbs (907 kg) per pallet – 40 units

General Application Data: Roof replacement usually involves more complexities than new construction roofing. Often encountered are situations such as rusted/deteriorated decks, rotted wood components, and rooftop equipment which cannot be moved or shut down, and numerous other conditions.

The following application information is designed to serve as a general guide. Your local Tremco Representative will prepare detailed specifications based upon your roof's conditions.

Structural Deck: Must be properly designed and structurally sound.

Drainage: Ponding conditions are unacceptable and will adversely affect performance of any roofing system. If positive drainage does not exist, water removal must be facilitated by lowering drains, and/or installing additional drains, tapered insulation, or an approved cellular concrete slope system.

Insulation: Insulation must be dry and kept dry. No more insulation shall be installed than can be covered that day. The use of FAS-n-FREE Adhesive for solvent free fastener free insulation attachment is the preferred method of securement, unless otherwise specified.

Acceptable Insulations:

Type	Minimum Thickness*	Facer
Fiberboard	1/2" (13mm)	Coated
Perlite	1" (25mm)	None
Sublayer		
Fiberboard	1/2" (13mm)	None
Perlite	1" (25mm)	None
Isocyanurate	1" (25mm)	Black/white
Maximum size:	4'x8' (1219 mm x 2438 mm)	

*Minimum thickness for application of Premium III. Follow insulation manufacturer's instructions to obtain minimum thickness for spanning metal deck ribs.

Product Advantages	
Features	Benefits
Consumable packaging	Less packaging waste
Quality controlled product	Consistent performance values
UL & FM Approved	Fire/wind protection



Roofing & Weatherproofing Peace of Mind™

Installation Procedures: According to particular job specifications, prepare surface to be covered:

- Replace areas of wet insulation, deteriorated deck, and wood components.
- Install roof insulation or base sheet by mechanical attachment or in a uniform and continuous mopping of Premium III applied at 25-30lb/100 ft² (1.2 - 1.4 kg/m²).

Plan placement of roofing ply sheets to ensure that water will flow over or along, but not against exposed edges. Use standard kettle equipped with circulating pump. Do not heat Premium III above its flash point. Starting at low point of roof, apply a uniform continuous mopping of Premium III using standard roofing mop or Tremco approved felt layer.

Use ply sheets to start and finish roof membrane along edges, terminations and projections as specified. Install ply sheets, overlapping each previous ply the specified width. Embed each ply in uniform and continuous mopping of Premium III asphalt, applied within its Equiviscous Temperature (EVT) range.

Interply application rate:

Felt	lb/100 ft ² *
BURmastic Glass Ply	25 (1.2 kg/m ²)
Burmastic Composite Ply	25 (1.2 kg/m ²)
Poly-THERM	25 (1.2 kg/m ²)
THERMglass	25 (1.2 kg/m ²)
POWERply MB systems (all plies)	25 (1.2 kg/m ²)

* Application Tolerance: ±20%

Ply shall never touch ply. Apply Premium III Pak-Free Asphalt no more than ten feet ahead of each roll. Lightly broom plies from unmopped side to assure complete adhesion. Tie in previous work 24" (600mm). Lap ply sheet ends 6" (150mm). Stagger end laps. Avoid walking on plies until Premium III Pak-Free Asphalt has cooled. Install flashings as specified.

SURFACING OPTIONS

Gravel: Apply Premium III Pak-Free Asphalt over roof surface at 60 lb/100 ft² (2.9 kg/m²) ± 20%. Immediately broadcast 400 lb/100 ft² (19.5 kg/m²) of new, clean gravel or 300 lb/100 ft² (14.5 kg/m²) of slag into adhesive. Aggregate shall conform to ASTM D 1863.

Smooth Surface: Consult your local Tremco Representative for specific applications suitable for your geographic area.

Application Rates: Premium III Pak-Free Asphalt quantities for waterstop/tieoffs, flashings, miscellaneous detail applications and minimum kettle capacity are not included in interply and flood coat application rates.

Precautions: Users must read container labels and Material Safety Data Sheets for health and safety precautions prior to use.

Availability and Cost: Contact your local Tremco Representative for pricing and availability. For name and number of your representative, call 216/292-5000 - Roofing Division.

Maintenance: Your Tremco Representative can provide effective maintenance procedures which may vary, depending upon specific conditions. Periodic inspections, early repairs, and preventative maintenance are all sound procedures.

Guarantee/Warranty: Tremco Inc. warrants Premium III Pak-Free Asphalt to be free of defects and to meet published physical properties when cured and tested according to ASTM and Tremco standards. Under this warranty, we will provide at no charge, Premium III Pak-Free Asphalt in standard packaging to replace any Premium III proven to be

Physical Performance Characteristics		
Premium III Pak-Free Asphalt		
Property	Premium III	Test Method
Softening Point	195 – 205°F (90.5 – 96°C)	ASTM D 36
Penetration @ 77°F	15 – 30 dmm	ASTM D 5
Flash Point, min	525°F (274°C)	ASTM D92
Ductility @ 77°F	2.5 cm	ASTM D113
EVT (125 cP)	400-450°F (204 – 221°C)	ASTM 4402

defective when applied according to our written instructions, and in applications recommended by us as suitable for Premium III Pak-Free Asphalt. THIS IS BUYER'S SOLE AND EXCLUSIVE REMEDY.

All claims concerning product defects must be made in writing within twelve (12) months of shipment. The absence of such claims in writing during this period will constitute a waiver of all claims with respect to such product.

This warranty shall be IN LIEU OF any other warranty, express or implied, including but not limited to, any implied warranty of MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

Tremco offers a full range of guarantees with respect to the watertight integrity of Tremco Roofing Systems. The complete terms of such guarantees, as well as details on the conditions of each, are available from your local Tremco Representative.

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.

Statement of Policy and Responsibility: Tremco takes responsibility for furnishing quality materials and for providing specifications and recommendations for their proper installation.

As neither Tremco itself nor its Representatives practice architecture or engineering, Tremco offers no opinion on, and expressly disclaims any responsibility for the soundness of any structure on which its products may be applied. If questions arise as to the soundness of a structure or its ability to support a planned installation properly, the Owner should obtain opinions of competent structural engineers before proceeding. Tremco accepts no liability for any structural failure or for resultant damages, and no Tremco Representative is authorized to vary this disclaimer.



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