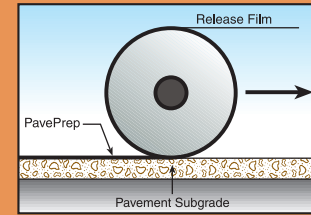


PavePrep Specifications

Property	Value	Test Method
Cold Flex	No cracking or separation of fabric	ASTM D146(modified)
Tensile Strength (Peak)	2,000 psi minimum	ASTM D412(modified)
Elongation (@ Peak Tensile)	10% minimum	ASTM D412(modified)
Weight	0.9 lbs/ft ² typical	N/A
Density (mastic)	80 lbs/ft ³ minimum	ASTM D70
Thickness	0.135 inches typical	ASTM D1777
Thickness Retention	75% minimum retained after loading	ASTM D395(modified)
Absorption (mastic)	1% maximum	ASTM D517
Brittleness	Passes	ASTM D517
Softening point (mastic)	210°F-230°F (99°C-110°C)	ASTM D36

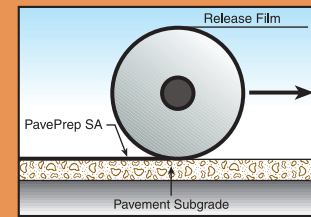
PavePrep Roll Size
 12" (30cm),
 18" (45cm),
 20" (50cm),
 24" (60cm) x 100' (30.5m)
 36" (90cm),
 40" (100cm),
 48" (120cm) x 50' (15.2m)



PavePrep SA Specifications

Property	Value	Test Method
Cold Flex	No cracking or separation of fabric	ASTM D146(modified)
Tensile Strength (Peak)	2,000 psi minimum	ASTM D412(modified)
Elongation (@ Peak Tensile)	10% minimum	ASTM D412(modified)
Weight	0.9 lbs/ft ² typical	N/A
Density (mastic)	80 lbs/ft ³ minimum	ASTM D70
Thickness	0.135 inches typical	ASTM D1777
Thickness Retention	75% minimum retained after loading	ASTM D395(modified)
Absorption (mastic)	1% maximum	ASTM D517
Brittleness	Passes	ASTM D517
Softening point (mastic)	210°F-230°F (99°C-110°C)	ASTM D36

PavePrep SA Roll Size
 12" (30cm),
 18" (45cm),
 20" (50cm),
 24" (60cm) x 75' (22.9m)
 36" (90cm),
 40" (100cm),
 48" (120cm) x 50' (15.2m)



For more information please contact Pavetech Sales.

Advanced Products for Roads and Bridges

EXPANSION JOINTS

MATRIX 502	Asphaltic plug expansion joint system
MATRIX BLUE	Elastomeric header and polymeric sealant system
MATRIX CMX	Flat, cold pour, high performance polymer-modified plank joint system
MATRIX ONE	Pre-measured, all-in-one plug joint system

GEO-COMPOSITES

PAVEPREP	Reflective crack control for AC overlays
PAVEPREP SA	Self-adhesive crack control for AC overlays
ISAC	Base isolation stress relief geo-composite for overlays
GEOTAC	Peel-and-stick waterproofing membrane for bridge decks and roads
GEOTAC POLYESTER	GeoTac with reinforced polyester backing for increased durability
GEOTAC HS	GeoTac with high strength woven polyester for maximum durability
GEOFILM	Peel-and-stick waterproofing membrane for underground applications

SEALANTS

RALLITHANE 862	Two component, rapid cure sealant ideal for bridge expansion joints
RALLITHANE 872	Two component, fuel-jet blast resistant sealant ideal for airfield pavement joints
PCF-3405/5078	Specification grade, hot applied sealant
PCF-100	Special blend, hot applied, polymer-modified sealant

MAINTENANCE / REPAIR PRODUCTS

ELASTOCRETE	Rugged, three part elastomeric concrete header material
ELASTOPATCH	Elastomeric, impact resistant, grey colored patching material
MASTIC ONE	Hot applied black mastic repair material
MASTIC TWO	Gray, thermal-mastic, concrete repair material
HB-200	Optimum performance mixer applicator for dispensing heated materials
AT-4812	Application trolley for Pavetech geo-composites



1.800.544.7737
www.pavetech-intl.com

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02/04-dm



PavePrep & PavePrep SA

Reflective Crack Control Stress Relief Interlayer Water Proofing Membrane

Performance. Solutions.

PavePrep & PavePrepSA

The Leading Geo-composite Membrane Since 1982.

PavePrep is a highly effective stress relief interlayer material consisting of a high-density mastic, woven polyester fabric and a coated quick release liner. Installed in strips over cracked, spalled concrete or asphalt, PavePrep intercepts and reduces the stresses induced by thermal expansion and contraction, thereby reducing the tendency for cracks to reflect through the overlay. PavePrep also prevents moisture interpenetration that contributes to further structural decay of the surface and underlying pavement. PavePrep extends the overlay service life and reduces maintenance costs.

Performance

PavePrep is a high-density mastic, laminated for extra strength and flexibility. This tough synthetic combination is capable of surviving the rigors of installation and loads encountered on highways and airports. PavePrep retains its thickness after application, even when directly exposed to vehicular traffic. PavePrep performance is optimized on road surfaces that do not exhibit structural deficiencies or drainage problems. As such, these problems should be corrected prior to the application of PavePrep.

Installation

Fast, economical, and requiring no special equipment, PavePrep is unrolled at the jobsite and applied. It can be used on milled and unmilled surfaces after the application of an AC tackcoat.

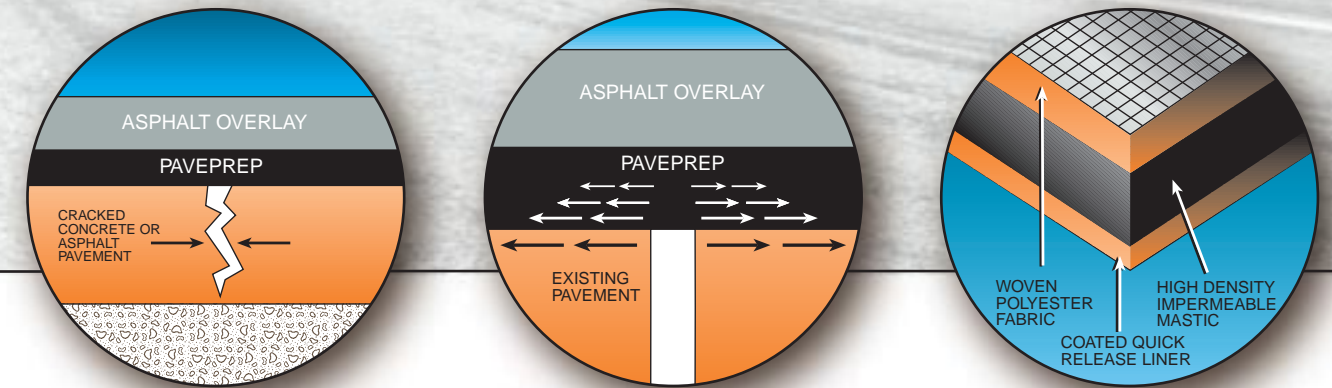
PavePrep SA, with a peel-and-stick adhesive on one side, is also available. On most surfaces, PavePrep SA does not require a tackcoat.

Before applying PavePrep, users should carefully read the Application Procedures.

PavePrep SA



Use of PavePrep SA eliminates the need for a tackcoat in most cases. Simply remove the release liner, place the material with the adhesive side down, and roll in tension onto the existing surface.



PavePrep & PavePrep SA Stress relief for asphalt pavements

Premature reflective cracking in new asphalt overlays is a global problem for pavement design and maintenance engineers.

Stress concentrations at pavement joints or cracks are a primary factor in the deterioration of the overlay and the propagation of pavement faults. Through its dense but flexible mastic, PavePrep disperses the stress induced by thermal expansion and contraction thereby reducing crack propagation in the asphalt overlay.

Since 1982 PavePrep's outstanding ability to retard and control reflective cracking successfully in asphalt overlays has been thoroughly proven in day-to-day roadway applications around the world.

Advantages of PavePrep

- Provides a stress relief layer.
- Significantly reduces reflective cracking.
- Lowers pavement maintenance costs.
- Installs easily.
- Minimizes traffic disruption.
- Can be exposed to vehicular traffic immediately after placement.
- Reduces further structural decay.
- Reduces moisture interpenetration.
- Economical extension of overlay service life.

PavePrep Waterproofing System for Bridge Deck Overlays

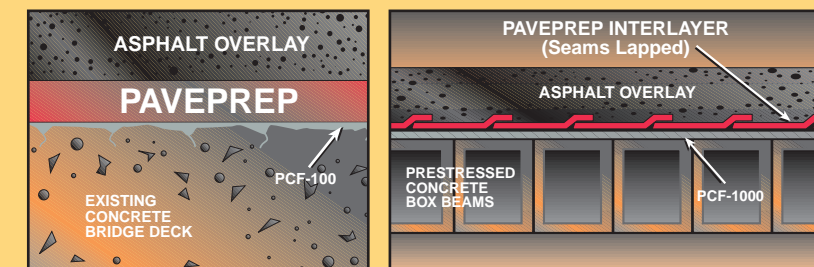
Most concrete bridge deterioration results from infiltration of rain water and road salts. Even though long-recognized as a major problem, long-term solutions have been difficult to achieve.

PavePrep provides a solution that applies modern geosynthetics and proven asphalt mastic materials to create durable and effective bridge deck waterproofing that installs quickly and efficiently.

Effective Moisture Barriers

- ▶ The PavePrep system is a high-strength, impervious interlayer (between deck and overlay) suitable for use on any structurally sound bridge deck scheduled for an asphalt overlay.
- ▶ PavePrep prevents moisture interpretation when installed in accordance with the manufacturer's recommended application procedures.
- ▶ PavePrep's higher strength, improved performance and durability give the user long-term value.
- ▶ Pavetech International also manufactures GeoTac, an economical peel-and-stick range of waterproofing geo-composites.

Bridge Deck Protection



PavePrep is highly suitable for use in waterproofing either new bridge construction or existing concrete slab bridge decks. It keeps water and deicing salts from permeating the pavement surface and damaging the substructure. Excellent for use in conjunction with Matrix 502 asphaltic plug expansion joints.



The PavePrep Bridge Deck Waterproofing System includes PCF-100, a hot mastic sealant applied directly to the deck surface. Shipped to the site in convenient rolls, PavePrep is then unrolled onto the prepared deck surface. PCF-100 is applied at all lap joints prior to placing the new pavement overlay.

Successful PavePrep applications

Highways / City streets / Airport runways & taxiways / Bridge decks / Shopping centers & other parking areas