



420 N. Roosevelt Ave. • Chandler AZ 85226  
 1-800-528-8242 • (602) 276-0406 • FAX (480) 961-0513  
 www.crafco.com

**PRODUCT DATA SHEET**

**PAVEPREP**

PART NO. 33242, 33244, 33246, 33248, 33249, 33253

MAY 2008

**READ BEFORE USING THIS PRODUCT**

**GENERAL** PavePrep is a heavy duty, high strength pavement repair geo composite membrane used to reinforce and waterproof pavement cracks and joints, reduce reflective cracking of asphalt concrete overlays, and as heavy duty bridge deck water proofing membrane. PavePrep is composed of a flexible, high density asphalt mastic bitumen between a top layer of heat resistant, high strength woven polyester reinforcing fabric and a bottom layer of non-woven heat resistant polyester fabric. PavePrep is supplied in several widths in 50 ft. lengths and is wound on rolls. To use, PavePrep is unrolled onto prepared pavement surfaces into an application of bonding adhesive which saturates and adheres PavePrep to the surface. PavePrep is then pressure rolled to secure in place. The asphalt concrete overlay is then placed. PavePrep can be used to reinforce many discontinuities in both asphalt and concrete pavements, including transverse and longitudinal cracks and joints, utility cuts, construction joints and previously repaired areas. The PavePrep polyester fabrics are resistant to asphalt concrete pavement overlay temperatures up to 350°F (177°C) and hot-applied sealing mastic application temperatures up to 375F (191C).

**SPECIFICATION CONFORMANCE** PavePrep meets specification requirements of most state highway departments for heavy duty reflective crack control and waterproofing membrane. Specification requirements are as follows:

<u>Property*</u>	<u>Test Method</u>	<u>Requirement</u>
Thickness	ASTM D1777	0.135" (3.4 mm) min.
Weight		0.8 lb/sf (3.7 kg/m <sup>2</sup> ) min.
Mastic Density	ASTM D70	80 PCF (1.28g/cc) min.
Cold Flexibility	ASTM D146 (modified)	Pass at 32°F (0°C)
Tensile Strength	ASTM D412, Die C	2000 psi (13.3MPa) min.
Elongation	ASTM D412, Die C	20% min.
Brittleness	ASTM D517	Pass
Heat Stability	2" x 5" (5.1 x 12.7 mm) specimen hung vertically for 2 hr at 190°F (88°C)	No dripping or delamination
Mastic Softening Point	ASTM D36	210°F (99°C) min.
Puncture Resistance	ASTM E154	450 lb (2202N) min.
Absorption	ASTM D517	1% max.
Thickness Retention	ASTM D395 (modified)	75% min.

\*Note: Sampling in accordance with ASTM D146.

**INSTALLATION PROCEDURE** Prior to use, the user must read and follow Installation Instructions for PavePrep, PavePrep SA, and PavePrep TSA to verify proper product selection, surface preparation procedures, installation methods, usage precautions and safety procedures. These instructions are provided with each pallet of PavePrep.

**PACKAGING** PavePrep is produced in 50 ft (15.2 m) long rolls in widths from 12" to 48" (.305 to 1.22m). Rolls are placed on 40" x 48" (1.02m x 1.22m) pallets. PavePrep is available in the following widths and lengths.

Part Number	Roll Width In / m	Roll Length Ft / m	Area per Roll ft <sup>2</sup> / m <sup>2</sup>	Rolls per pallet	Rolls per truck	Area per Pallet ft <sup>2</sup> / m <sup>2</sup>	Weight/Pallet* Lb / kg
33242	12 / .305	50 / 15.2	50 / 4.65	48	1056	2400 / 223	2013 / 913
33244	18 / .457	50 / 15.2	75 / 6.98	24	528	1800 / 167	1533 / 695
33246	20 / .508	50 / 15.2	83 / 7.77	24	528	2000 / 185	1677 / 760
33249	36 / .915	50 / 15.2	150 / 13.95	12	264	1800 / 167	1509 / 684
33253	48 / 1.22	50 / 15.2	200 / 18.60	12	264	2400 / 223	2013 / 913

\* Note: Pallet weights are approximate.

**STORAGE** PavePrep products are to be stored indoors at temperatures not exceeding 120°F (49°C) and kept dry.

**WARRANTY** CRAFCO, Inc. warrants that CRAFCO products meet applicable ASTM, AASHTO, Federal or State specifications at time of shipment. Techniques used for the preparation and installation are beyond our control as are the use and application of the products; therefore, Crafcoco shall not be responsible for improperly applied or misused products. Remedies against Crafcoco, Inc., as agreed to by Crafcoco, are limited to replacing nonconforming product or refund (full or partial) of purchase price from Crafcoco, Inc. All claims for breach of this warranty must be made within three (3) months of the date of use or twelve (12) months from the date of delivery by Crafcoco, Inc. whichever is earlier. There shall be no other warranties expressed or implied. **For optimum performance, follow Crafcoco recommendations for product installation.**