



PRODUCT DATA SHEET

PAVEPREP TSA

PART NO. 33280, 33281, 33283

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READ BEFORE USING THIS PRODUCT

GENERAL PavePrep TSA is a heavy duty, high strength, geocomposite self-adhesive membrane used to reinforce and waterproof pavement cracks and joints, to reduce reflective cracking of asphalt concrete overlays, and as heavy duty bridge deck waterproofing membrane. Paveprep TSA is designed with the same high strength characteristics of PavePrep except that it can reduce the shadowing affect in asphalt concrete overlays as thin as 1 1/2" when compacted. PavePrep TSA is composed of a flexible high density asphalt mastic between a top layer of heat resistant, high strength woven polyester reinforcing fabric and a bottom layer of non-woven heat resistant polyester fabric with a polymer modified asphalt self-adhesive layer and removable release liner. To use PavePrep TSA, remove the release liner to expose the self-adhesive layer to the pavement and then pressure roll to secure in place. No primer is needed if applied at pavement temperatures above 70°F (21°C). The asphalt concrete overlay is then placed. PavePrep TSA can be used to reinforce and waterproof 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 TSA 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 TSA meets specification performance requirements of most state highway departments (except for thickness and weight) for self-adhesive heavy duty reflective crack control and waterproofing membrane. Specification requirements follow:

| <u>Property*</u> | <u>Test Method</u> | <u>Requirement</u> |
|------------------------|---|--|
| Thickness | ASTM D1777 | 0.080 – 0.115 inches (2.0 – 2.9 mm) |
| Weight | | 0.47 lb/sq ft (3.7 kg/m ²) minimum |
| Mastic Density | ASTM D70 | 80 PCF (1.28g/cc) minimum |
| Cold Flexibility | ASTM D146 (modified) | Pass at 32°F (0°C) |
| Tensile Strength | ASTM D412, Die C | 2000 psi (13.3MPa) minimum |
| 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 h at 190°F, (88°C) | No dripping or delamination |
| Mastic Softening Point | ASTM D36 | 210°F (99°C) minimum |
| Puncture Resistance | ASTM E154 | 450 lb (202N) min. |
| Absorption | ASTM D517 | 1% maximum |
| 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 TSA.

PACKAGING PavePrep TSA is produced in roll widths of 12", 24" and 48". Rolls are placed on 40" x 48" (1.02m x 1.22m) pallets. PavePrep TSA is available in the following widths and lengths:

| Part Number | Roll Width in/m | Roll Length ft / m | Area per Roll ft ² /m ² | Rolls per pallet | Area per Pallet ft ² / m ² | Weight/Pallet* lb / kg |
|-------------|--------------------|--------------------|--|------------------|---|---------------------------|
| 33280 | 12 / 0.305 | 50 / 15.2 | 50 / 4.65 | 48 | 2400 / 223 | 1540 / 698 |
| 33281 | 24 / 0.61 | 50 / 15.2 | 100 / 9.3 | 24 | 2400 / 223 | 1540 / 698 |
| 33283 | 48 / 1.22 | 50 / 15.2 | 200 / 18.6 | 12 | 2400 / 223 | 1540 / 698 |

*Note: Pallet weights are approximate

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

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, Crafcoc shall not be responsible for improperly applied or misused products. Remedies against Crafcoc, Inc., as agreed to by Crafcoc, are limited to replacing nonconforming product or refund (full or partial) of purchase price from Crafcoc, 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 Crafcoc, Inc. whichever is earlier. There shall be no other warranties expressed or implied. **For optimum performance, follow Crafcoc recommendations for product installation.**