READ BEFORE USING THIS PRODUCT

GENERAL

PavePrep TSA is a heavy duty, high strength, geocomposite self-adhesive membrane used to reinforce and waterproof pavements, cracks and joints, to reduce reflective cracking and increase concrete overlay life. PavePrep TSA is designed to be used in both asphalt and concrete pavements, including transverse and longitudinal cracks and joints, and previously repaired areas. PavePrep TSA is a heavy-duty, high-strength, geocomposite self-adhesive membrane used to reinforce and waterproof asphalt concrete pavement overlay temperatures up to 350°F (177°C) and hot-applied mastic application temperatures up to 375°F (191°C).

PavePrep TSA is produced in roll widths of 12", 24" and 48". Each roll is packaged in a box, and rolls are palletized on 40" x 52" (1.02m x 1.32m) pallets. PavePrep TSA is available in the following widths and lengths:

- **PavePrep TSA**
  - Width: 12", 24", and 48"
  - Length: 15.2 meters (50 ft)
  - Area: 50 ft² (4.6 m²)

**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". Each roll is packaged in a box, and rolls are palletized on 40" x 52" (1.02m x 1.32m) pallets. PavePrep TSA is available in the following widths and lengths:

**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:

- **Thickness**
  - ASTM D1777
  - Requirement: 0.080 – 0.115 inches (2.0 – 2.9 mm)
- **Weight**
  - ASTM D70
  - Requirement: 0.47 lb/sq ft (3.7 kg/m²) minimum
- **Mastic Density**
  - ASTM D146 (modified)
  - Requirement: 80 PCF (1.28g/cc) minimum
- **Cold Flexibility**
  - ASTM D412, Die C
  - Requirement: 2000 psi (13.3MPa) minimum
- **Tensile Strength**
  - ASTM D1777
  - Requirement: Pass at 32°F (0°C)
- **Brittleness**
  - ASTM D517
  - Requirement: 20% min.
- **Heat Stability**
  - ASTM D193
  - Requirement: No dripping or delamination
- **Mastic Softening Point**
  - ASTM D36
  - Requirement: 210°F (99°C) minimum
- **Puncture Resistance**
  - ASTM E154
  - Requirement: 450 lb (2202N) min.
- **Absorption (Mastic)**
  - ASTM D517
  - Requirement: 1% maximum
- **Thickness Retention**
  - ASTM D395 (modified)
  - Requirement: 75% min.

*Note: Sampling in accordance with ASTM D146.

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

©2014, Crafo, Inc., All Rights Reserved