MANUFACTURERS OF PAVEMENT PRESERVATION PRODUCTS SINCE 1976

Presented by Jeremiah Stratton
Worldwide Manufacturing Locations

- United States: Wyoming, Arizona, California, Ohio, Pennsylvania, Tennessee
- Czech Republic: Breclaw
- China: Wuxi

PAVEMENT PRESERVATION
Worldwide Manufacturing Locations
PAVEMENT PRESERVATION PRODUCTS

Equipment
Joint Sealing-PCC
Crack Sealing-AC/PCC
Pavement Joint Adhesive
Patching-Asphalt/Concrete
Reflective Crack Mitigation
Asphaltic Bridge Joint System
Bridge Deck Waterproofing System
Equipment

Sealant
Melter Applicators

Patching Material
Melter Applicators

Pavement Routers
TWO TYPES OF SILICONE

- ASTM D5893
- State Specifications
- Federal
- FAA – P605 (Airports)
ASPHALT HOT POUR JOINT/CRACK SEALANTS

ASTM D-6690:
- Type I - Formerly ASTM D1190
- Type II - Formerly ASTM D 3405
- Type III - Formerly Fed Spec SS-S-1401C
- Type IV - Formerly Low Modulus
State Specifications
P 605-ASTM D-6690

Recessed
Flush Filled
Band Aid
Silicone and Hot Pour Uses

- Airports-Runways, Taxiways, Aprons
- State DOT’s-Highways, Bridges,
- Municipalities-Streets, Sidewalks, Parking Lots
- Military-Runways, Taxiways, Aprons
- Other-Parking Garages, Parking Decks, Stadiums, Driveways
Pavement Joint Adhesive

- Seals Out Water
- Bonds to Hot & Cold Pavement
- Prevents Premature Failure
- Reduces Maintenance
- No Paving Delays
- Proven Performance
PAVEMENT REPAIR PRODUCTS

TECHCRETE – Hot Applied Polymer Modified Resin Base Flexible Concrete Repair Material

POLY PATCH/MASTIC ONE – Hot Applied Asphalt Based Material
TechCrete PCCP Spall Repair Material

Pre-blended Polymer Modified Resin Extended with Select Aggregate for Stability/Load Bearing

- Resistant to De-icing Chemicals
- Permanent Concrete Repair System
- Stays Flexible
- Excellent Adhesion Properties
- High Tensile Strength
- No need to Re-establish joints
- High Compressive Resistance—never cracks
PolyPatch/Mastic One

For cracks too large for sealing and filling. For surface repairs too small for re-paving.

- Flexible Polymer modified asphalt w/select aggregate
- Load bearing
- Prepackaged, homogeneous blend
- Adheres to both AC and PCC
- Voidless and waterproof
- Requires no compaction
- Feathered edge installation
- Year round installations
**HP Concrete and HP Asphalt**

- Single component high performance patching materials.
- Concrete patching
- Asphalt patching
- Works in all weather conditions
- 50 pound bags to use what is needed

RTE 113 / RTE 1, Milford, DE - Placed September 2012
GeoComposites

Heavy duty two and three layer membranes that are placed over joints and cracks on an asphalt or concrete pavement that is going to be overlaid with asphalt or as a waterproofing system for bridges.

**GeoTac**
Peel and Stick Waterproofing Membrane.

Thickness - .065” (1.65 mm) min.

- Comes in Width of 12”, 18”, 24”, 36”, 48”

**Areas of Use:**
- Bridge Decks
- Pavement Cracks/Joints
- Parking Garages
- Deck Surfaces

**GeoTac HS**
High Strength Peel and Stick Membrane used to Waterproof and Reinforce Pavement Cracks and Joints.

Thickness - .065” (1.65 mm) min.
PavePrep/PavePrep SA (self-adhesive)

Heavy Duty, High Strength Membrane used to Reinforce and Waterproof Pavement Crack and Joints, Reduce Reflective Cracking of Asphalt Overlays and a Heavy Duty Bridge Deck Waterproofing membrane.

Thickness: 0.135” (3.4mm) min.
Comes in Widths of 12”, 18”, 20”, 24”, 36”, 48”

PavePrep TSA (thin self-adhesive)

Designed with the same Strength Characteristics as PavePrep and PavePrep SA but can be used in 1 ½” Overlays.

Thickness: 0.115” (2.0-2.9 mm) min.
Comes in Widths of 12”, 24”, 48”

• Transverse and Longitudinal cracks/joints (highways, city streets, county streets)
• Utility cuts
• Construction joints
• Bridge Deck waterproofing membrane
• Airport Runways and Taxiways
ASPHALTIC PLUG BRIDGE JOINT SYSTEM USES

Matrix 501
Pre-blended

Matrix 502
Field Blended

EXPANSION JOINTS

FIXED END JOINTS at ABUTMENTS

PIERS IN MANY TYPES OF BRIDGES

BOTH SIMPLE AND MULTISPAN

NEW or REHABILITATION

PRESSURE RELIEF JOINTS ON BRIDGE APPROACH SLABS
Bridge Deck & Parking Deck Waterproofing System
CRAFCO WEBSITE
WWW.CRAFCO.COM

- Product Data Sheets
- MSDS
- Application Instructions
- Construction Specifications
- Videos