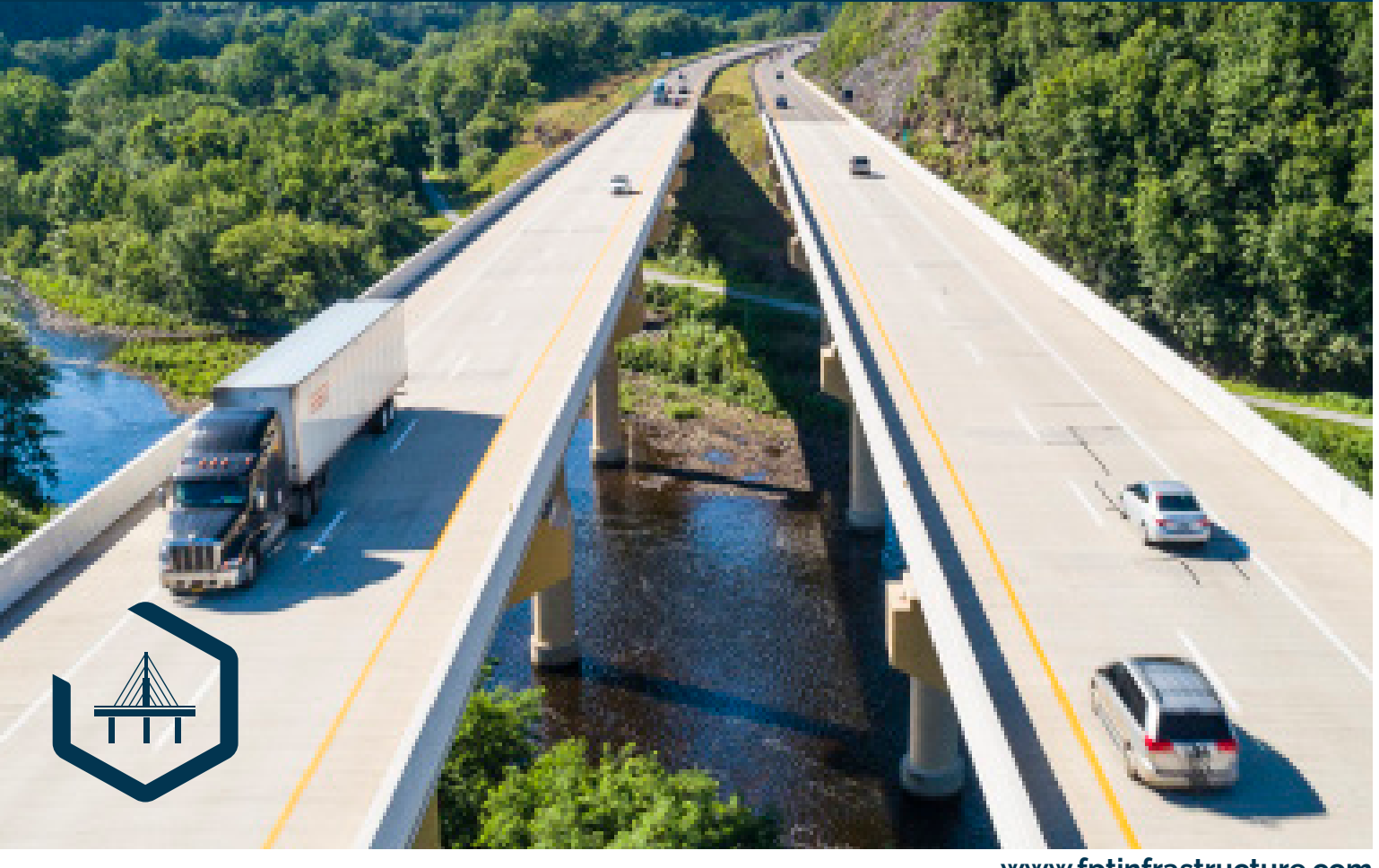
FPT INFRASTRUCTURE®

Highway & Bridge

Surface and Structure Repair Materials

Deck and Structure Coating and Waterproofing Systems

Movement and Control Joint Solutions



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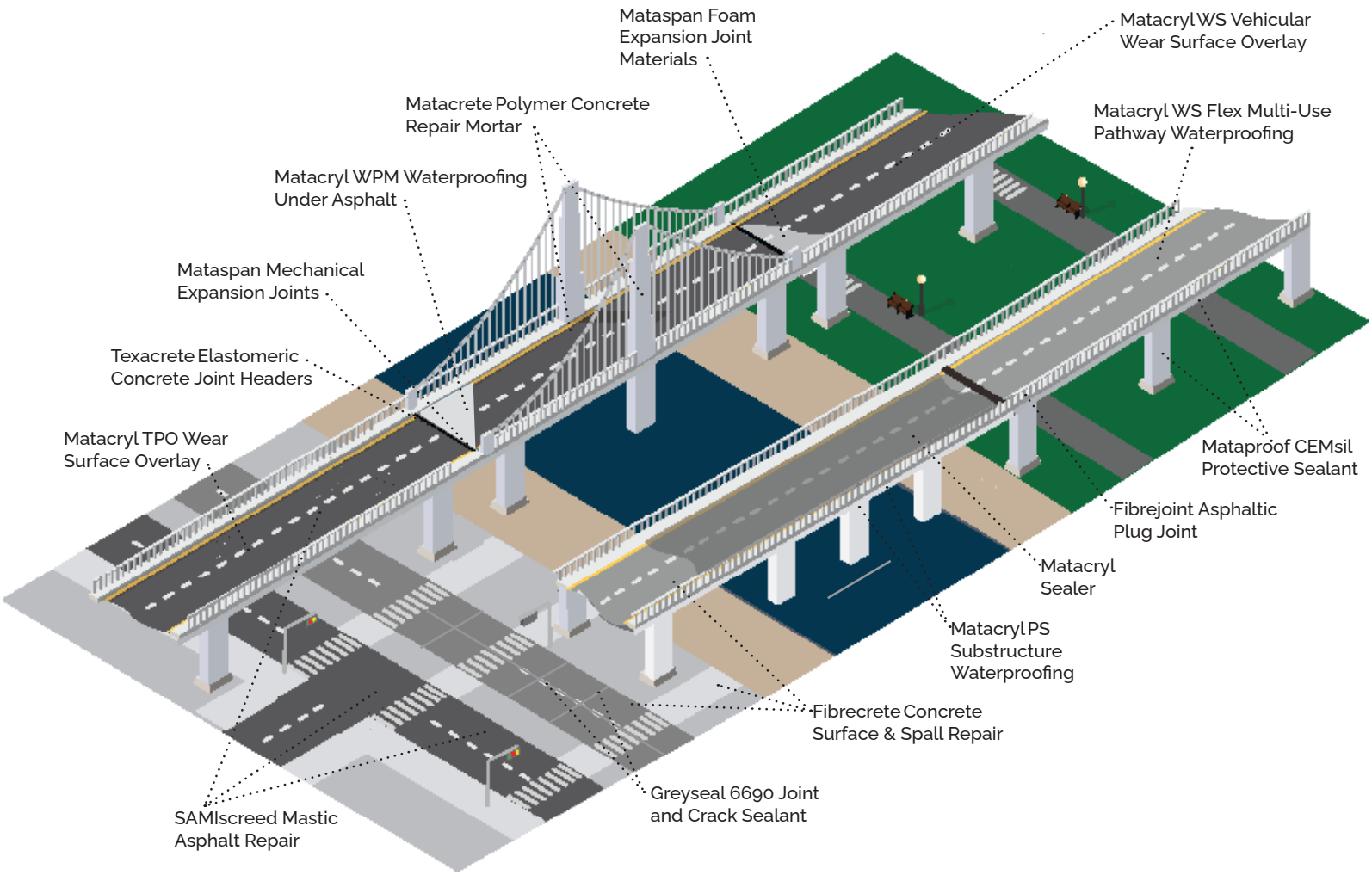
FPT INFRASTRUCTURE®

Millions of miles of highways and hundreds of thousands of bridges span North America. FPT Infrastructure offers a comprehensive portfolio of solutions to protect, restore and sustain these vital elements of transportation. While we constantly adapt our products and systems for new applications, our most prevalent are shown below and include:

- Hot-applied concrete repair materials and asphalt mastic repair materials for spalls, cracks and surface defects
- Cold-applied polymer sealant, repair and protection materials for horizontal, vertical and overhead structures
- Liquid-applied waterproofing, protective coatings and wear surface systems for bridge decks and structures
- Mechanical and foam expansion joint systems, control joint fillers and joint header materials



Surface and Structure Repair Materials

Fibrecrete G: hot-applied, flexible material for partial and full-depth concrete repair

- Made from polymer-modified resins, fiberglass, mineral fillers, and high-quality aggregate with meltable packaging
- Repairs corner breaks, transverse and longitudinal cracks and spalls on concrete pavements
- Cools in about an hour for fast return to service
- Resistant to water intrusion and road contaminants
- Outperforms rigid cementitious repairs; accepts concrete panel movement without cracking or unseating
- More economical than polymer concrete repairs and costly, full-panel concrete replacement to extend road service life
- Bulking stone adds stability and speeds cooling; topping stone adds UV protection and traction

Matacrete Ready Rep: MMA-based, high-strength polymer concrete

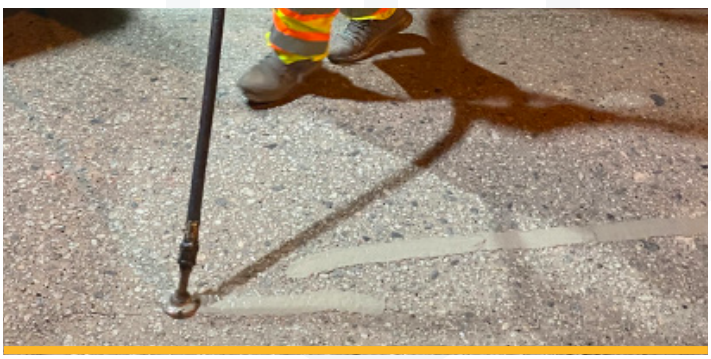
- Repair kit with methyl methacrylate resin binder and dry blend of graded aggregates, powder and initiator
- Used for horizontal concrete repairs, and anchoring or setting of steel components
- All temperature installation with one hour cure
- High compressive strength; 11,000 psi in one hour, 14,000 psi in seven days
- Can be extended with sand or quartz aggregate for full depth repairs

SAMIscreed: hot-applied, flexible repair mastic for asphalt pavement defects

- Highly-modified asphalt binder premixed with small aggregates, graded filler, steel fibers, and recycled tire rubber with meltable packaging
- Used for cracks larger than 1.5" wide, joint reflection with widths from cracking to spalling, asphalt seam raveling, pavement delamination, shoulder joint separation, transition joints, potholes, and rumble strip remediation
- Rapid curing for traffic reopen in about 30 minutes
- Effective sealing properties stop water intrusion and extend asphalt surface life
- Less surface prep and smaller installation crews than traditional repair methods

Greyseal 6690: hot-applied, grey crack and joint sealant

- Made from polymer-modified resins, fibers and high-quality fillers with meltable packaging
- Used for cracks in portland cement concrete and highly oxidized asphalt, and joint sealant on concrete pavement
- Independently tested to meet ASTM D6690 Type I and II specifications
- Water-tight and resistant to UV exposure, deicing salts, bases, and organic material for long service life
- Year round installation; requires clean, dry substrate
- Maintains grey color without detack or curing solvents



Deck and Structure Coating and Waterproofing Systems

Matacryl: cold, liquid-applied, waterproofing, coating and wear systems

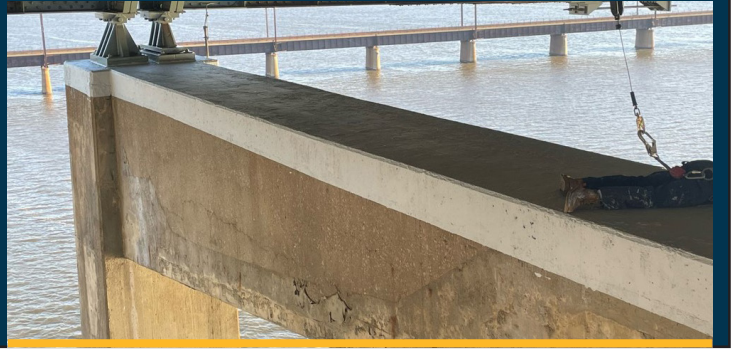
- Based on polyurethane methyl methacrylate chemistry - PUMA hybrid polymer technology
- Highly flexible membrane with exceptional crack bridging properties; elongation greater than 250%
- Rapid cure time - 60 minutes or less per layer - for fast installation and lower labor costs
- Tenacious bond to substrate and interlayer adhesion protect against extreme weather and harsh contaminants
- Installs at a wide temperature range including below freezing to extend construction season
- Available in spray and manually-applied grades

Matacryl WPM, WS, WS-Flex:

- Used for bridge decks, parking structures, multi-use pathways, and other horizontal trafficked structures with or without concrete and asphalt overlays
- WS features variable system builds for vehicular or pedestrian use with ultra-flex membrane system options and aggregates customized to design and surface use
- WPM features tack coat layers for mechanical and chemical bond to overlays

Matacryl PS:

- Used for covered and exposed structures including tunnels, precast structures and cast-in-place bridge components
- Flexible, crack-bridging membrane protects substrates in dry, damp or wet conditions



Matacryl TPO:

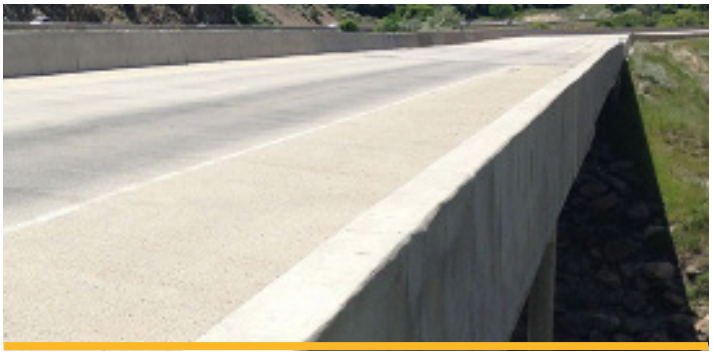
- MMA/PUMA offers faster cure and broad temperature installation range compared to epoxy overlay systems
- Multi-layer system offers greater durability than chip seal single-layer systems

Matacryl Sealer: cold-applied, concrete healer sealer and crack treatment

- Used for sealing hairline and micro-cracking in concrete decks to protect from moisture and contaminants
- Year round installation; tack-free in one hour or less

Mataproof CEMsil: silane/siloxane-based cream sealant for concrete

- Protects concrete and masonry surfaces from water and chemical damage
- Drip-free application suitable for horizontal, vertical and overhead application; leaves no residue after absorption



Movement and Control Joint Systems

Fibrejoint: hot-applied, asphaltic plug joint

- Polymer-modified asphalt binder blended with specific aggregates for a water-resistant, smooth riding joint
- Topping stone provides a tack-free surface and joint compaction

Mataspan Transflex: steel-reinforced, molded rubber, high-movement expansion joint

- Accommodates expansion, contraction, translation, and rotational movements up to 13 inches (330 mm)
- Corrosion-resistant, elastomer casing is substantially waterproof with a smooth riding surface

Texacrete: polyurethane elastomeric concrete

- For expansion joint headers, and pothole and spall repair
- Flexible, non-shrink, high bond strength, and tolerant of damp surfaces for long service life

Mataspan Foam Expansion Joints

- Engineered for horizontal expansion joints in infrastructure projects to accommodate movement in all directions
- Monolithic foam with no unbonded laminations to prevent delamination and object intrusion
- Traffic-grade, silicone top coatings resist chemicals
- Full deck surface solution when coupled with Matacryl coating and waterproofing systems

Mataspan OC2000 pre-compressed foam joint sealant:

- Used for vehicular and pedestrian bridge decks, approach joints, airport runways, and parking decks
- Made from a super-resilient, micro-cell, cross-linked polyurethane foam with a hydrophobic acrylic emulsion
- Allows for movement up to 100% (+/- 50%) of mean joint size
- Non-invasive anchoring to substrate; permanently conforms to joint contours

Mataspan CC4000 closed-cell foam joint sealant:

- Used for primary horizontal bridge expansion joints, control joints in concrete and FRP panels, highway longitudinal and transverse joints, and precast or retrofit joints
- Made from durable, low density closed-cell, cross-linked ethylene vinyl acetate (EVA) co-polymer foam
- Provides a watertight, dust proof, airtight, UV-stable, chemical-resistant, soundproof, and insulated seal
- Allows for movement up to 50% (+/- 25%) of mean joint size with excellent compression, shear and tension capabilities

FPT Infrastructure supports, fills, coats, reinforces, seals, protects, and restores the vital infrastructure that moves and connects us.

Bridge & Highway

Rail & Transit

Aviation

Underground Construction

Utility

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