

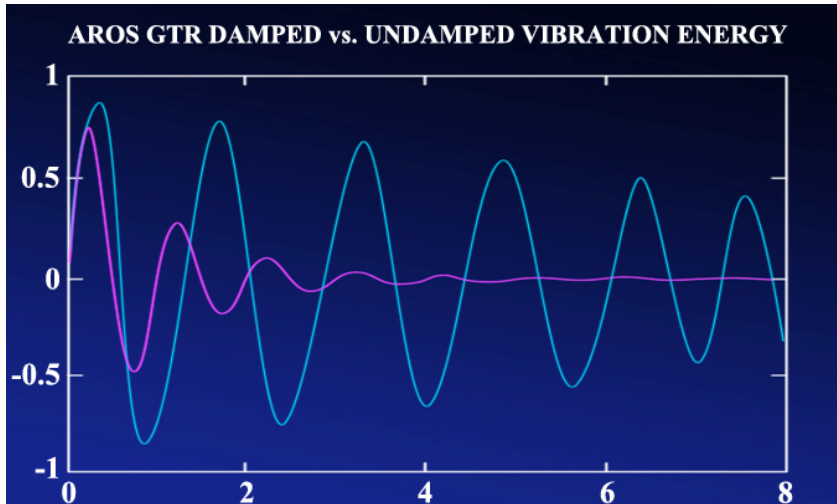
TECHNICAL DATA SHEET

AROS™ Cushion Patch

(PAT. PEND.)

POTHOLE REPAIR

AROS™ Cushion Patch™, is an interlocking, stone-and-rubber matrix, fused together with

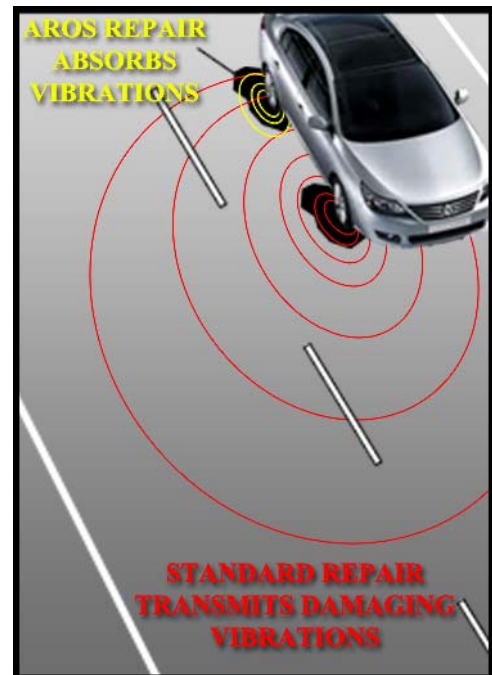


a bio-polymerized, chemically refined, high molecular weight bitumen. Cushion Patch™ is designed to replace conventional temporary pothole repair products with a substantially more durable and permanent alternative. Cushion Patch™ is a quick setting system that is cold applied and ready for traffic immediately.

Utilization of >30% recycled GTR (ground tire rubber), allows Cushion Patch™ the unique ability to absorb the destructive vibration of rolling traffic through viscoelastic damping. The ability to convert and dissipate vibration energy into heat energy (viscoelastic damping) is an essential performance characteristic that helps to protect the pothole shoreline from catastrophic failures (i.e. cracking, chipping), resulting in long term durability.

AROS™ Cushion Patch™ consists of: 1) a finely ground tire (40-140 mesh) that has been thermally surface modified with a reactive polymer (assuring permanent embedment in composite structure), 2) the reactive coated GTR is then compounded with a PG 93-22M binder. Upon application the cold applied AROS™ Cushion Patch™ immediately sets into a tough, flexible, skid resistant patch which protects the breach & adjacent pavement cross section.

Cushion Patch™ may also be used to repair surface fractured pavement (See Cushion Patch™-Alligatored Pavemnt Repair TDS).



Physical Properties

Cationic emulsion	pH = 2.5 - 4.5
Solids by distillation	>85%
Ground tire rubber (ARB)	≥30%
Wet Track Abrasion Test (6 day)	< 20g/ft ²
Viscosity (Emulsion)	>100 sec

(For more information please visit www.coepolymer.com)

Consult MSDS before use. Do not allow to freeze.

** Simulated test results. Performance may vary and should be verified on specific pavement sealing project(s).

Environmental Properties

Health/Fire/Reactivity	1-0-0
HAPs - PAHs	None
VOC	Zero
Toxicity/Carcinogenicity	None/None
Municipal Landfill (residue)	Yes
Aquatic Life	Not a Threat
Carbon Footprint	Zero