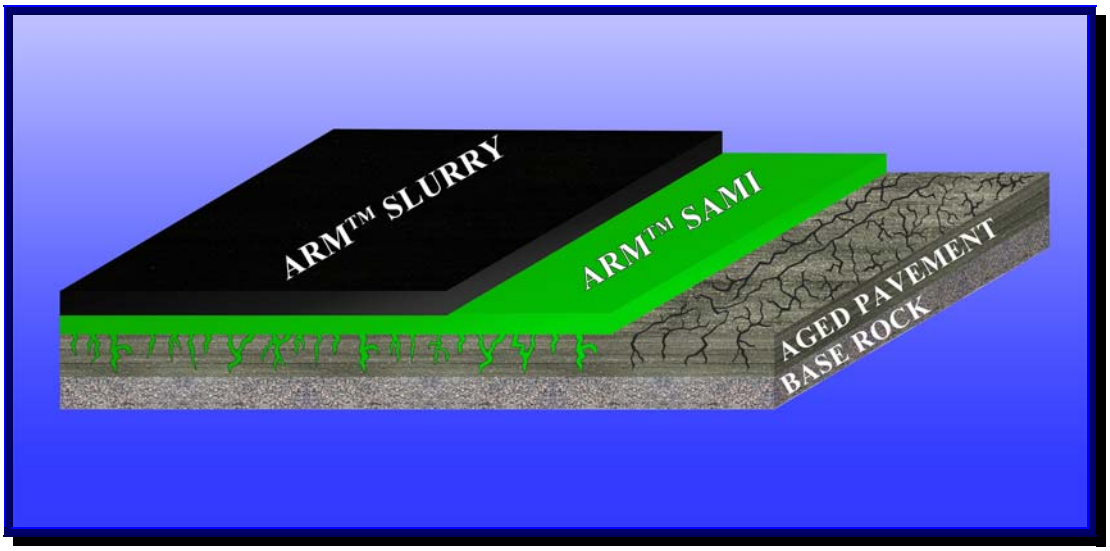
TECHNICAL DATA SHEET
ARM™ SAMI System

ARM™ SAMI System, is an engineered, two-tier interlocking, stone-and-rubber matrix that resists reflective cracking in aged & weathered asphalt pavement. **ARM™ SAMI System** consists of a stress absorbing membrane interlayer (SAMI) that fills in cracks and voids while leveling substrate profile, followed by a wearing course of **ARM™ Slurry.** The result is a tough, flexible matrix with superior load distribution that will: 1) stabilize and repair raveling and underlying cracks, 2) restore diminished surface profile and 3) inhibit progressive oxidative embrittlement.



Performance & Environmental Advantages

- Superior resistance to reflective cracking
- Restores pavement surface profile
- Extends the repaving cycle
- Interrupts progressive oxidative embrittlement
- Available as an inert barrier to jet fuel (ASTM 2939), gasoline and petroleum products
- Remains flexible at low temperatures
- Unique single package suspension
- No hazardous leachates – **No PAH's**
- Environmentally green; is air and water inert
- Uses recycled tire rubber (1000 gal of concentrate/mi consumes as much as 150 scrap tires)

Application by standard equipment at spread rates of ca 0.30 gal/sq.yd. Site blending of sand with SAMI (5lbs sand/SAMI gal = approx. 90% solids) can be used to produce a permanent pothole or large crack (>½") fill & repair prior to SAMI application.

Physical Properties

Cationic emulsion	pH = 2.5 - 8.5
Solids by distillation	75%
Stone Gradation (Slurry/SAMI)	-20 / -90
Ground tire rubber (ARB)	≥20%
Wet Track Abrasion Test (**6 day**)	< 10g/ft^2
Viscosity (Emulsion)	>100 sec

(For more information please visit www.ecostarscience.com)
Consult MSDS before use. Do not allow to freeze.

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

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