

TECHNICAL DATA SHEET

AROS™ Rubber Slurry Seal

(PAT. PEND.)

AROS™ Rubber Slurry Seal, patent pending, defines a completely new and cost effective option for the maintenance of pavement *on low to high speed traffic surfaces*. An ISSA compliant Type I, II, III, or micro slurry surfacing with AROS™ rubber modifier will:



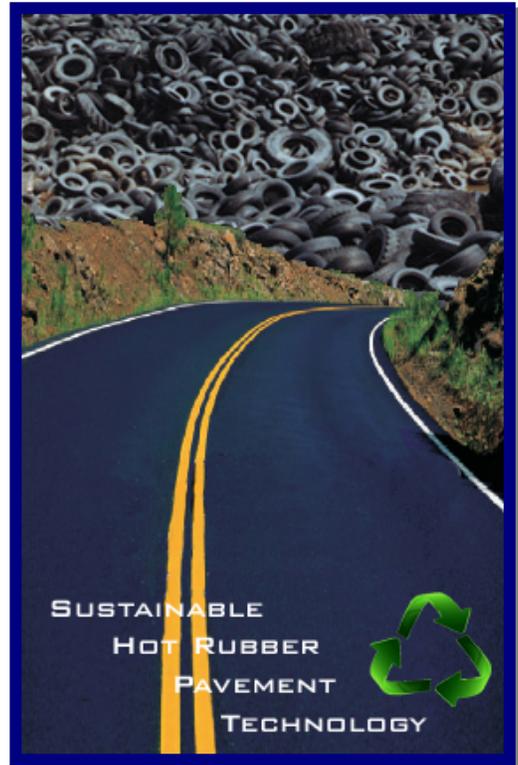
- 1) Restore pavement surface profile
- 2) Stem progressive oxidative embrittlement
- 3) Create a fuel resistant barrier
- 4) Resist rutting & reflective cracking
- 5) Extend the repaving cycle
- 6) Reduce rolling resistance giving a quiet ride & better gas mileage
- 7) Re-establishes diminished stopping friction



AROS™ Rubber Slurry Seal consists of: 1) a finely ground tire (80-140 mesh) immersed and reacted in a waterless, up to 350°F polymer modified asphalt, 2) thereafter it is further prepared by milling into an existing emulsion base. Thereupon the AROS™

modified emulsion is truck compounded with aggregate and placed; or prepared in a batch plant for storage and shipping to distant job sites. Upon application the AROS™ Rubber Slurry Seal wicks into rock pores, crevices, fissures and all bituminous mediums and then *shrink wraps*, upon curing, into a tough, flexible, skid resistant surface which protects the upper pavement cross section.

Application down to 45°F & at night by standard slurry trucks or specialized spray equipment (for Type I only) at spread rates per ISSA Standards (package plant slurry has typical field dilution of 10%). Excessive field dilution should be avoided as it will lead to adhesive flushing and premature failure.



Physical Properties

Cationic emulsion	pH = 2.5 - 4.5
Solids by distillation	>75%
Ground tire rubber (ARB)	≥15%
Wet Track Abrasion Test (6 day)	< 10g/ft ²
Viscosity (Emulsion)	>100 sec

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

Environmental Properties

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