

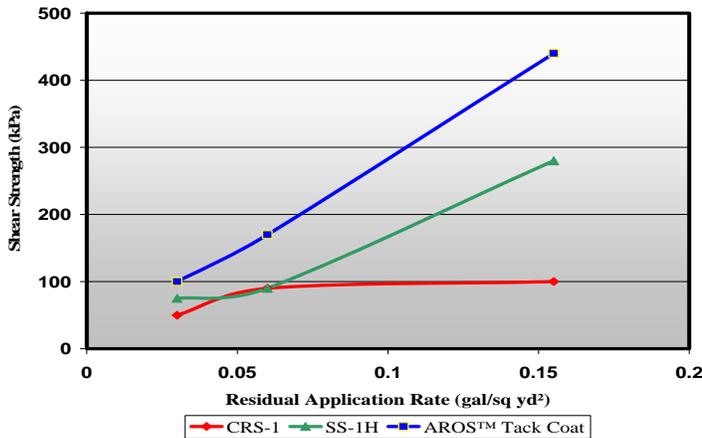
# TECHNICAL DATA SHEET

## AROS™ Rubber Tack Coat

(PAT. PEND.)

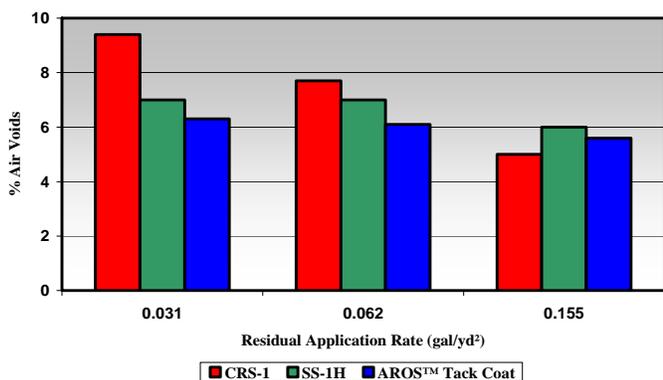
AROS™ Rubber Tack Coat is a polymer modified hard pen asphalt emulsion that delivers *so much more value* than conventional asphalt tack coats:

**Interfacial Shear Strength**



- Superior bonding & shear strength for improved compaction density & consistency
- Non-tracking rapid cure coating
- Stem progressive oxidative embrittlement
- Forms a continuous waterproof seal protecting the underlying substrate
- High molecular weight ground tire rubber modified bitumen bridges cracks and fissures
- Stable ambient storage & hot application

**Variation of HMA Air Voids**



AROS™ Rubber Tack Coat consists of a base, hard pen asphalt emulsion which is prepared for superior interfacial bond & shear strength through the chemical ‘weaving’ of polymer grafted & dissolved ground tire rubber. Upon application the AROS™ Rubber Tack Coat penetrates deep into tiny fissures and asphalt voids (thus reducing oxidation sites), flexibilizing the interfacial regions to reduce shoving and significantly improve compaction density and consistency.

Fully cured applications are possible down to 50°F and at night using heated distributor equipment at spread rates of ca 0.05-10gal/sq. yd. is performed after a typical field dilution of 30%.

### Physical Properties

Cationic emulsion	pH = 2.5 - 4.5
Anionic emulsion	pH = 8.0 – 10.0
Solids by distillation	60 - 63%
Penetration	21-40 dmm
R&B Softening Point	>165°F
Viscosity (Emulsion)	>100 sec

(For more information please visit [www.coepolymer.com](http://www.coepolymer.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