

Test	Refined Coal Tar Emulsion Sealer	Typical Asphalt Emulsion Sealer
Binder Component	Refined Coal Tar, mostly aromatic, closed ring compounds (stable)	Asphalt Cement (AC), mostly aliphatic, open chain compounds (unstable)
Origin of the binder	Coal-Decay of vegetation	Petroleum-Marine life decay
Ultraviolet Resistance	Excellent	Fair-Color Fades
Gas Resistance	Excellent-No Effect	Poor-Dissolves
Motor Oil Resistance	Excellent-No Effect	Poor-Dissolves
Kerosene Resistance	Excellent-No Effect	Poor-Dissolves
Oil, Fat, Grease	Excellent-No Effect	Poor-Dissolves
Scrub Resistance - (Durability test)	4000 cycles	2400 cycles
Water re-absorption *	1.00%	3.2%
<i>*The Water re-absorption test is an indicator for durability since water attacks seal coatings causing re-emulsification, which can lead to tracking sealer into your place of business. Low numbers are better.</i>		
Odor	Some - Characteristic coal tar	Milder - Asphalt odor
Photosensitive	yes	no
Skin Irritant **	yes	yes
<i>**This is what causes burning to some contractors but in no way affects the consumer)</i>		
Flexibility	pass	pass
Drying time	pass	pass
OSHA Emission testing ***	pass	pass
<i>***Both showed no detectable amounts or less than 2% of the permissible limits by OSHA of carcinogenic compounds including Benzene, CTPV's, PNAH's, or any other compounds of concern.)</i>		
Environmental	Non-Hazardous, industrial waste in both Dry and Wet state	Non-Hazardous, industrial waste in both Dry and Wet state
Handling Precautions	Similar per MSDS	Similar per MSDS