



Comparison Data
Our Polyaspartic/Polyurea vs Coal Tar Epoxy

Description	Modified Polyaspartic/Polyurea	Coal Tar Spray
Components	Two Component, 1:1	Single Component
Volume Solids	100%	64%-74%
Curing Time	20-30 seconds	2-8 hours (Temperature Dependent)
Color	Black	Black
Finish	Gloss	Gloss
Primers	Self-priming	Self-priming
Surface Prep	Follow all ASTM methods for steel, granite, and concrete	Follow all ASTM methods for steel, granite, and concrete
Dry Film Thickness	30-60 mils per coat	8-16 mils per coat
Curing Time	20-30 seconds	2-8 hours (Temperature Dependent)
Theoretical Coverage (At 1 mil thickness)	1600 sq ft	1,025-1190 sq ft
Abrasion Resistance (ASTM D4060)	22 mg loss after 1000 cycles, CS 18 wheel, 1000gm load	130 mg loss after 1000 cycles, CS 17 wheel, 1000 gm
Tear Strength (ASTM) D624	500 lbs/linear inch	No data
Impact (ASTM D2794)	>350 in. lbs	100 in. lbs
Tensile Strength (ASTM D412)	3411 PSI	No data
Elongation (ASTM D412)	450%	No data
Cost per Gallon	\$35	\$26
Coverage Rates at 16 mils (1/64")	100 sq ft per gallon	35.84 sq ft per gallon
Coverage Rates at 31.25 mils (1/32")	51.20 sq ft per gallon	35.84 sq ft per gallon
Cost per sq ft at 16 mils	\$0.35/sq ft	\$0.37/sq ft
Cost per sq ft at 31.25 mils	\$0.68/sq ft	\$0.72/sq ft