



ALT- 614 Poly Tough® Plus

Additive for Refined Coal Tar Emulsion Sealer

GENERAL: Poly Tough® Plus is a uniquely blended copolymer emulsion, along with super chemically resistant additives to modify coal tar emulsion sealer to increase tensile strength or flexibility, sand aggregate bonding and suspension, curing time and high viscosity build up. It forms a uniform continuous dried film of sealer along with aggregates to improve water penetration. Poly Tough® Plus also improves deeper jet black color of sealer and resistance to jet fuels, oil, grease and oxidation. It is recommended on any asphalt surface where there are high traffic patterns. Excellent for commercial and industrial parking lots, airport runways, driveways, traffic safety islands and service stations.

SURFACE

PREPARATION: Surface must be free from dirt, dust and oil. Treat oil, grease and gasoline spots with Allstates' Poly Oil Sil® (ALT-602).

APPLICATION: Mix well before using. Use up to 5 gallons of Poly Tough® Plus undiluted to modify 100 gallons of sealer. The amount will vary depending upon the type of end use or specifications. Always pour sealer first into mechanical spray or squeegee type machine, then add proper amount of water. When agitating, add Poly Tough® Plus slowly and mix to uniform consistency. Then add proper amount of aggregates (Silica sand, black beauty or any other specified aggregates) and mix thoroughly before application.

COVERAGE:

RECOMMENDED MIX DESIGN FORMULATION

<u>Sealer (RP 355E) Gallons</u>	<u>Water Gallons</u>	<u>Sand Pounds</u>	<u>Poly Tough® Plus Gallons</u>
100	35-40	400-600	2-3

CAUTION: **KEEP FROM FREEZING.** Wash tools in water. Use a suitable paint thinner if material has dried. Do not store in direct sunlight. Container should be closed when not in use. Keep out of the reach of children

PACKAGING: 5 gallon pails, 55 gallon drums, and 275 gallon tote tanks.

Material Specifications:

Requirements:

Weight per Gallon, @ 77°F, ASTM D1010, (lbs)	8.50 - 8.70
Nonvolatile %, ASTM D2939	44.00 - 46.00
Viscosity @ 77°F (Krebs Stormer Unit)	70 - 80
Flammability	Non-flammable
PH.....	5.00 - 6.00