



ALT - 604 Poly Tough[®]

High Rubber Solids Content Additive for Refined Coal Tar Emulsion Sealer

GENERAL: Poly Tough[®] is a specially blended polymer emulsion, along with highly chemical resistant additives to modify refined coal tar emulsion sealer to achieve outstanding toughness, fast curing time, greater flexibility, high viscosity and good suspension of the aggregates. It also improves deeper jet black color of refined coal tar sealer and resistance to oils, fuels, grease and water. It is recommended for use on any asphalt surface where there are high traffic patterns. Excellent for commercial and industrial parking lots, airport runways, 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[®] undiluted to modify 100 gallons of refined coal tar sealer. The amount will vary and depend upon the type of end use in the traffic pattern areas or specifications. However we recommend 2 gallons of Poly Tough[®] to modify 100 gallons of refined coal tar sealer for a normal application because Poly Tough[®] contains high rubber solids content.

Always pour sealer first into mechanical spray or squeegee type machine, then add proper amount of water. When agitating, add Poly Tough[®] 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[®] 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, ASTM D1010, (lbs).....	8.50 - 9.00
Nonvolatile %, ASTM D2939	35.00 - 38.00
Viscosity @ 77°F, ASTM D562 (Kreb's Stormer Unit).....	60 - 75
Resistance to water, ASTM D2939 (hours)	24

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