

Technical Data Sheet

RC-70

Typical Uses:

RC-70 grade of rapid cure cutback asphalt is used as a general-purpose tack and prime asphalt binder. It may also be used for sand seals.

Characteristics:

RC-70 is a solvent based rapid curing liquid cutback asphalt. The solvent evaporates rapidly leaving a relatively hard viscous asphalt binder. RC-70 applied as a prime coat will bond, stabilize, and promote adhesion of the hot mix overlay to the base. RC-70 is a flammable liquid and extreme caution should be used when using this product, avoid all sources of ignition when handling and applying. Storage life is excellent when stored in an airtight container. It is recommended to recirculate the product at least every 14 days during storage in large bulk tanks. RC-70 cannot be diluted with water. RC-70 works well with bituminous spray equipment. Meets Florida DOT, FAA, and ASTM specifications.

Typical Application:

For tack coat apply at a rate of 0.08 - 0.15 gallons per square yard (60 - 112.5ft²/gal), allow curing before overlay. For prime coat apply at a minimum of 0.15 gallons per square yard (60ft²/gal) to a dampened base. Sand the prime with loose local sand, lean mix, or screenings. For sand seal apply 0.15 – 0.28 gallons per square yard (32 – 60ft²/gal). NOTE: RC-70 cutback asphalt is customarily heated to temperatures up to 140°F, which is well above the flash and fire point. It is recommended that the user select the lowest temperature that allows the product to be applied correctly. Contractors have reported successful application at ambient temperatures of 80°F.

Specifications:

<i>Tests on cutback asphalt:</i>	<u>Min</u>	<u>Max</u>
Viscosity, kinematic, cSt @ 140°F	70	140
Distillation, volume % of total distillate:		
to 374°F	10	--
to 437°F	50	--
to 500°F	70	--
to 600°F	85	--
Residue by Distillation to 680°F, %	55	
<i>Tests on distillation residue:</i>		
Penetration, 77°F, 100g, 5s	80	120
Viscosity, 140F, poise	800	--
Solubility in trichloroethylene, %	99.0	--

Caution:

Flammable Liquid! Contains asphalt; a skin irritant. Remove from skin promptly. Keep out of reach of children. Use with adequate ventilation. Read label warnings and SDS before using. Do not take internally. Avoid prolonged contact with skin and breathing of vapor or spray mist. Flush skin with water immediately. In case of contact with eyes, flush with water for 15 minutes and get medical attention. Do not use in confined areas.

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