

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, allow curing before overlay. For prime coat apply at a minimum of 0.15 gallons per square yard 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. 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 80F.

Specifications:

Tests on cutback asphalt:

	<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	

Tests on distillation residue:

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 MSDS 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.

LIMITED WARRANTY

LIMITED 1 YEAR PRODUCT WARRANTY FROM DATE OF MANUFACTURE:

Bonsal American warrants that this product and the materials used therein meet or exceed the applicable standards listed and enforced at the time of manufacture. Bonsal American will replace any product or part which proves defective due to quality of ingredients used or due to the manufacturing process itself. This Warranty shall apply only if the product is used in strict accordance with applicable specifications and instructions provided by Bonsal American for its use, and Bonsal American shall not be liable otherwise. Replacement of any defective product, or, at Bonsal American option, refund of the purchase of any defective product shall be the buyer's sole remedy under this Warranty, and Bonsal American shall in no event be liable for any damages in excess of the purchase price of the defective product. **BONSAL AMERICAN SHALL IN NO EVENT BE LIABLE FOR ANY CONSEQUENTIAL, INCIDENTAL, OR SPECIAL DAMAGES.** This Warranty constitutes the sole warranty given by Bonsal American in connection with this product, and Bonsal American has authorized no person to make or give any other warranties or representation, oral or written on its behalf. **IN PARTICULAR, THERE ARE NO IMPLIED WARRANTIES, INCLUDING WITHOUT EXCEPTION WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.** No modification of this Warranty in favor of any buyer shall be valid unless given in writing and signed by an officer of Bonsal American.

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