

RC-30

RAPID CURING ASPHALT CUTBACK FOR PRIMING COATS

PRODUCT DESCRIPTION

RC-30 is an asphalt cutback priming liquid. It's unique design seals surface pores in the base, thus reducing the migration of moisture and absorption of the first application of surface treatment binder.

ENVIRONMENT CANADA – CODE OF PRACTICE

- **RC-30** does not meet the Recommended Code of Practice for the Reduction of Volatile Organic Compound Emissions for Cutback Asphalts. Please contact your local **MCA Marketing** representative for a **MCA** low VOC emitting product alternative.

GENERAL PRODUCT FEATURES

- Strengthen the granular base near its surface by binding the finer particles of aggregate;
- Help protect the base from inclement weather and limited vehicular traffic between pavement layer applications; and
- Promotes adhesion between a granular base and subsequent surfacing applications by pre-coating the surface of the base and penetrating the voids near the surface.

RECOMMENDED USE

The following bases and areas should be primed with **RC-30**:

- Cement or lime stabilized bases or subbases, regardless of pavement thickness.
- Soil or aggregate bases or sub-bases on which bituminous surface treatment will be placed.
- Soil or aggregate bases or sub-bases on which less than 125 mm (5 in) total thickness of hot mix asphaltic concrete will be placed.

SPECIFICATIONS AND TYPICAL RESULTS

TEST	TYPICALD ATA	SPEC RANGE	
		Min	Max
Tests on Cutback			
Kinematic Visc, 60°C, cSt	35.0	30	60
Water Content, %	trace	...	0.2
Distillation Test			
To 190°C	71.3	15	...
To 225°C	85.2	55	...
To 260°C	92.6	75	...
To 316°C	98.6	90	...
Dist Residue to 360°C	59.5	50	...
Tests on Residue			
Penetration, 25°C, dmm	102	80	120
Ductility, 25°C, cm	100+	100	...
Solubility in TCE, %	99.87	99.5	...

APPLICATION GUIDELINES

- Product is flammable! Extreme care must be taken to keep product from open flame.
- Do not apply **RC-30** if surfaces are wet, the air temperature is below 4 °C (40 °F) in the shade, rain is imminent, or weather conditions may prevent proper priming.
- Ensure that the surface being primed has been finished to the line, grade, and cross section specified.
- Ensure that the surface is uniformly compacted and bonded.

RC-30

RAPID CURING ASPHALT CUTBACK FOR PRIMING COATS

APPLICATION GUIDELINES (CONT'D)

- Correct surface irregularities according to the applicable specifications for the construction being primed.
- Allow sufficient time to cure between applications or before any membrane application. Period may have to be extended if less than ideal drying temperatures prevail (such as high air humidity).
- Clear any loose material, dust, caked clay, and other material that may prevent bonding of **RC-30** with the surface.
- Ensure that the surface is only slightly damp. If the surface is too wet, allow it to dry. If it is too dry, it may require that it be sprinkled lightly just before priming.
- The surface texture and condition of the surface determine if **RC-30** is the most suitable priming material to be used.
- Contact your local **MCA Marketing** representative for a temperature viscosity chart for applicable application temperatures and guidelines.

COVERAGE

- Typical application rates are 0.7 to 1.4 litres/m².
- Do not dilute product with any cutter stock.

PACKAGING, STORAGE AND SHIPPING

RC-30 is available in the following packaging:

- 20 litre pail (5 gal pail)
- 205 litre drum (45 gal drum)
- Bulk tanker

STORAGE

RC-30 is flammable! Store in accordance with local regulations and all requirements for flammable liquids. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials. Keep container tightly closed and sealed until ready for use. Containers that have been open must be carefully resealed and kept upright to prevent leakage. Consult SDS and respect all requirements.

SHIPPING

- CAN TDG, 1999, Class 3, Packing Group II
- US DOT, 1999, Class 3, Packing Group II

CERTIFICATION OF QUALITY

McAsphalt Industries Limited is accredited to the quality standard **ISO 9001** and to the environmental standard **ISO 14001**.

Each lot of **RC-30** is produced using the strictest quality, safety and environmental guidelines. Each production lot is tested to ensure it meets or exceeds all performance requirements, and it is delivered with a Certificate of Analysis.

PRODUCT SUPPORT

With the **MCA Advantage**, you get a partner and advisor who will consult with you about designs, specifications, technical services, processes and material selection. By developing innovative, custom-designed products that offer additional benefits, such as peak performance in unique conditions, improved field performance, greater environmental and health benefits, the **MCA Advantage** provides significant long-term cost savings, resulting in lower "total cost of ownership."



McASPHALT INDUSTRIES LIMITED

8800 Sheppard Ave East T 416.281.8181 TF 1.800.268.4238
 Toronto, ON M1B 5R4 F 416.281.8842 E info@mcasphalt.com

mcasphalt.com
 ISO 9001/14001/45001