

## RC-30

### RAPID-CURING ASPHALT CUTBACK FOR PRIMING COATS

#### PRODUCT DESCRIPTION

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

#### GENERAL PRODUCT FEATURES

- Strengthen the granular base near its surface by binding the finer particles of aggregate
- Helps protect the base from inclement weather and limited vehicular traffic between pavement layer applications
- 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.

#### ENVIRONMENT CANADA – CODE OF PRACTICE

**RC-30** does not meet the usage requirements for the ozone season under the Recommended Code of Practice for the Reduction of Volatile Organic Compound Emissions for Emulsified Asphalts.

#### SPECIFICATIONS AND TYPICAL RESULTS

TEST	TYPICAL DATA	SPEC.	
		Min	Max
<b>Tests on Cutback</b>			
Kinematic Viscosity, 60°C, cSt	<b>35.0</b>	30	60
Water Content, %	<b>trace</b>	-	0.2
Distillation Test			
190°C, %	<b>71.3</b>	15	-
225°C, %	<b>85.2</b>	55	-
260°C, %	<b>92.6</b>	75	-
316°C, %	<b>98.6</b>	90	-
Distillation Residue to 360°C, %	<b>59.5</b>	50	-
<b>Tests on Residue</b>			
Penetration, 25°C, dmm	<b>102</b>	80	120
Ductility, 25°C, cm	<b>100+</b>	100	-
Solubility in TCE, %	<b>99.87</b>	99.5	-

#### CERTIFICATION OF QUALITY

**McAsphalt Industries Limited** is accredited to the quality management standard **ISO 9001**, the environmental management standard **ISO 14001**, and the occupational health and safety standard **ISO 45001**.

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 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, and 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

**RC-30****RAPID-CURING ASPHALT CUTBACK FOR PRIMING COATS**

---

**APPLICATION GUIDELINES**

- **RC-30** is flammable. Eliminate sources of ignition and static discharge. Use in well-ventilated areas. Contains flammable solvents.
- 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 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.
- Correct surface irregularities according to the applicable specifications for the construction being primed.
- Allow sufficient time to cure between applications or before any membranes are applied. This period of time may have to be extended if unfavourable drying conditions prevail (such as high air humidity).
- Clear any loose material, dust, caked clay, or other material that may prevent the 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 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 **RC-30** application rates are 0.7 to 1.4 L/m<sup>2</sup> (0.02 to 0.03 gal/ft<sup>2</sup>).

**PACKAGING, STORAGE AND HANDLING**

Do not dilute **RC-30** with any cutter stock.

**RC-30** is available in the following packaging:

- 20 L (5 gal) pail
- 205 L (54 gal) drum
- Bulk tanker

**STORAGE**

**RC-30** is flammable. Store in accordance with local regulations and all requirements for flammable liquids. Store in the original container, protected from direct sunlight in a dry, cool, and well-ventilated area away from incompatible materials. Keep the container tightly closed and sealed until ready for use. Containers that have been previously opened 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

**MCASPALT 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