

## Redicote® C-320

Emulsifier for cationic quick-set bitumen emulsions formulated with phosphoric acid for quick-traffic slurry and microsurfacing

### Benefits and features

- Low acid value bitumen**  
 Slurries show rapid cohesion development, even with low acid value bitumens and polymer modified bitumen. Acid additives are not normally required.
- Fast cohesion development**  
 Redicote C-320 provides slurries and microsurfacing with fast cohesion development suitable for nightwork or cold weather paving
- Easy handling**  
 The product is low viscosity even at low temperatures and soap solutions are easy to prepare

### Storage and handling

Redicote C-320 may be stored in carbon steel tanks. Bulk storage should be maintained at 10-30°C (50-86°F). Avoid extended heating above 65°C (150°F). Protect against exposure to moisture. Redicote C-320 contains amines and may cause severe irritation or burns to skin and eyes. Protective gloves and safety goggles must be worn when handling this product. For further information consult the Safety Data Sheet.

### Packaging information

Redicote C-320 is available in bulk shipment, in tight head steel drums of 400 lb (181 kg) net weight, or in one -way totes (IBCs) of 2000 lb (907 kg) net weight.

### Notes

For more information on phosphoric acid based slurry systems see the booklet Redipave Slurry Surfacing System.

### Dosage

Cationic quick set emulsion	0.8-1.5%	pH 2.0-3.5 phosphoric acid
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The product must be used with phosphoric acid

### Specification

Amine value, mg KOH/g	315-355	SMA CL-002
Water, %	max 1	SMA CL-007

### Physical properties

Appearance at 25°C (77°F)	liquid			
Flash point, °C	>100 (>212°F)			
Pour point, °C	0 (32°F)			

	10	20	30	40	°C
	50	68	86	104	°F
Density, g/cc	0.89	0.88	0.87	0.87	
Density, lbs/U.S. gal	7.43	7.35	7.30	7.26	
Viscosity, mPa.s (cP)	155	78	54	40	

Physical properties are typical data based on our own measurements or derived from the literature. They do not constitute part of the delivery specification.

Contact us directly for detailed product information and sample request  
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# Nouryon

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