



Redicote® C-320E

Emulsifier for cationic slow-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 bitumen and polymer modified asphalts. Acid additives are not normally required.
- Fast cohesion development**
 Redicote C-320E 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-320E 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. All metal parts at the emulsion plant and the transfer pipes that come into contact with the soap solution and emulsion made with Redicote C-320E and phosphoric acid should be made of higher grade stainless steel such as 316L to prevent corrosion. Redicote C-320E 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-320E is available in bulk shipment, in tight head drums of 170 kg (375 lbs) net weight, or in one-way totes (IBCs) of 850 kg (1873 lbs) net weight.

Dosage

Cationic quick set emulsion	0.8-1.5%	pH 2.0-3.5 phosphoric acid
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Specification

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

Physical properties

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

Density, g/cc at 20°C	0.88
Density, lbs/U.S. gal at 20°C	7.35
Viscosity, mPa.s (cP) at 20°C	48

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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