

Redicote[®] E-6

Ultra-low odor adhesion promoter for hot mix and warm mix, and for mixes based on cutback asphalts. Emulsifier for cationic rapid set emulsions.

Benefits and features

- Ultra low odor:**
 Redicote E-6 has low volatility, contains no solvents and does not have the ammonia smell often associated with amine based antistrips
- Active adhesion:**
 Bitumen treated with Redicote E-6 have the ability to displace moisture from the surface of damp aggregates for cold and warm applications
- Low dosage:**
 The product is 100% active with consequent low dosage
- Emulsifier:**
 The product is an effective emulsifier for cationic rapid set emulsions

Storage and handling

Redicote E-6 may be stored in carbon steel tanks. Bulk storage should be maintained at 25-35°C (77-95°F). Avoid extended heating above 65°C (150°F). Redicote E-6 contains amines and may cause severe irritation or burns to skin and eyes. Protective goggles and gloves must be worn when handling this product. For further information consult the Safety Data Sheet.

Packaging information

Redicote E-6 is available in bulk shipment, or in tight head steel drums of 420 lbs (190 kg) net weight.

Dosage

Hot and warm mix	0.2-0.5%	basis binder
Patch mix and chip seal	0.5-1.0%	basis binder
Cationic rapid set emulsion	0.18-0.25%	pH 2-3, hydrochloric acid

Specification

Amine value, mg KOH/g	224-255	KL 625.81
Water, %	max 1	KL 510.00

Physical properties

Appearance at 25°C	liquid			
Flash point, °C	>200 (>392°F)			
Pour point, °C	21 (70°F)			

	20	30	40	50	°C
	68	86	104	122	°F
Density, g/cc	0.94	0.93	0.92	0.92	
Density, lbs/U.S. gal	7.85	7.76	7.71	7.65	
Viscosity, mPa s (cP)	700	450	260	145	

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

For more information and sample formulations contact us at asphalt@nouryon.com.

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We operate in over 80 countries around the world and our portfolio of industry-leading brands includes Eka, Dissolvine, Trigonox, and Berol.

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