

Redicote® E-4850

Emulsifier for cationic rapid- and medium-setting bitumen emulsions suitable for chip seal (surface dressing), tack coat and open graded cold mix

Benefits and features

- High emulsion viscosity:**
 Emulsions prepared using Redicote E-4850 have significantly higher viscosities, which allow specifications to be met at the minimum bitumen content
- Low use level:**
 0.15-0.30% is normally sufficient for rapid-set emulsions

Storage and handling

Redicote E-4850 may be stored in carbon steel tanks. Bulk storage should be maintained at 50-60°C (122-140°F). Avoid extended heating above 65°C (150°F). Redicote E-4850 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-4850 is available in bulk shipment, or in tight head steel drums of 360 lbs (163 kg) net weight.

Dosage

Cationic rapid set emulsion	0.15-0.30%	pH 1.5-3 hydrochloric acid
Cationic medium set emulsion	0.30-0.45%	pH 1.5-3 hydrochloric acid

Specification

Activity, %	min 97	VE 5.018
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Physical properties

Appearance at 25°C (77°F)	paste		
Flash point, °C	>100 (>212°F)		
Pour point, °C	41 (106°F)		

	50	60	70	°C
	122	140	158	°F
Density, g/cc	0.86	0.86	0.85	
Density, lbs/U.S. gal	7.20	7.15	7.09	
Viscosity, mPa s (cP)	34	23	17	

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.

USA and Canada

Chicago, USA
T +1 800 906 9977

South America

Itupeva, Brazil
T +55 11 4591 8938

**Central America
and Caribbean**

Mexico City, Mexico
T +52 55 5261 7895

China

Shanghai, China
T +86 21 2220 5000

South East Asia

Singapore
T +65 6635 5183

India

Mumbai, India
T +91 22 6842 6700

Europe

Stenungsund, Sweden
T +46 303 850 00

Middle East

Dubai, United Arab Emirates
T +971 4247 1500

Russia

Moscow, Russia
T +7 495 766 1606

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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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