

## Redicote<sup>®</sup> E-85

Emulsifier for rapid and medium setting cationic bitumen emulsions

### Benefits and features

- High emulsion viscosity:**  
 Redicote E-85 is very effective for the production of emulsions with higher viscosity and/or lower binder content
- Lower particle size:**  
 Redicote E-85 offers the advantage of good emulsion particle size even with polymer modified binders
- Fast breaking:**  
 Emulsions prepared with Redicote E-85 provide fast breaking in the field
- Easy handling and storage:**  
 Redicote E-85 is a liquid product that is easy to dissolve in warm water during the preparation of emulsion soap phase. The product is suitable for both in-line and batch plants.

### Storage and handling

Redicote E-85 may be stored in carbon steel tanks. Bulk storage should be maintained at 15-35°C (59-95°F). Redicote E-85 contains amines and is corrosive 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-85 is available in tight head drums (180 kg net), intermediate bulk containers (900 kg net) or in bulk.

### Dosage

Rapid setting	0.2-0.3%	pH 2-3, hydrochloric acid
Medium setting	0.5-1.0%	pH 2-3, hydrochloric acid

### Specification

Total amine , meq/g	2.5-2.8	WV/1.001
Water, %	<2	VE/4.003

### Physical properties

Appearance at 20°C	brown liquid
Flash point, °C	220
Pour point, °C	5
Density, g/cc at 20°C	0.89
Viscosity, mPa s (cP) at 20°C	200

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](mailto: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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