



Redicote® E-4880

Cationic and anionic super slow setting emulsifier providing extended workability for virgin and recycled cold mixes produced in plant

Benefits and features

- Cold mix and recycling**
Very slow breaking cationic emulsifier for plant produced mixes and Full Depth Reclamation (FDR) with long workability time
- Base stabilization**
Emulsions made with Redicote E-4880 can be used for base stabilization in combination with cement
- Value for the money**
Can be used at low dosages (1-1.5%) resulting in high quality emulsions with low settlement passing the cement mixing test
- Easy handling**
Redicote E-4880 does not contain flammable solvents, has low viscosity, is completely water soluble and dissolves easily in the soap phase
- Suitable for tack, prime and dust suppression**
Emulsions made with Redicote E-4880 are easy to dilute and can penetrate finely graded aggregate substrates due to their high wetting power
- Free of Nonyl phenol ethoxylates (NPEs)** Redicote E-4880 does not contain NPEs

Storage and handling

Redicote E-4880 may be stored in carbon steel or stainless steel tanks. Bulk storage should be maintained at 20-35°C (68-95°F). Redicote E-4880 is alkaline 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.

Dosage

Cationic slow set emulsion	1.0-1.5%	pH 1.5-4.0 hydrochloric acid
Anionic slow set emulsion	1.0-2.0%	pH 11.0-11.5 sodium hydroxide

Note: Can be used as is with final pH around 10.0-10.5

Specification

Solids, %	43.6-47.0	PM5.020
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Physical properties

Appearance at 25°C (77°F)	dark liquid
Flash point, °C	>95 (>203°F)
Pour point, °C	-8 (18°F)

	20	30	40	°C
	68	86	104	°F
Density, g/cc	1.10	1.09	1.08	
Density, lbs/U.S. gal	9.16	9.11	9.05	
Viscosity, mPa.s (cP)	970	557	307	

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

Packaging information

Redicote E-4880 is available in bulk shipment, in tight head polyethylene drums of 450 bs (204 kg) net weight, or in one-way totes (IBCs) of 2400 lbs (1089 kg) net weight.

Contact us directly for detailed product information and sample request website | nouryon.com/markets/asphalt email | asphalt@nouryon.com

Nouryon

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