

Redicote® I-249

Additive for clay stabilized emulsions and sealcoats derived from coal tar pitch or bitumen to improve resistance to moisture

Benefits and features

- Reduced moisture absorption:**
 The bitumen or coal tar coatings or seals derived from clay-based emulsions can show water adsorption and re-emulsification tendency. Treatment of the emulsion or sealer with Redicote I-249 markedly reduces water adsorption and re-emulsification. The product is suitable for both anionic and cationic recipes.
- Improved durability:**
 Sealcoats containing Redicote I-249 provide cured seals with improved results in the wet track abrasion test and other durability tests
- Easy to use:**
 Liquid product soluble in water which can be incorporated into finished sealcoat

Storage and handling

Redicote I-249 may be stored in carbon steel tanks. Bulk stores should be maintained at 10-30°C (50-86°F). Redicote I-249 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 I-249 is available in bulk shipments or in tight head steel drums of 400 lbs (181 kg) net weight.

Dosage

| | | |
|----------------------|----------|----------------------|
| Emulsion or sealcoat | 0.5-2.0% | basis binder content |
|----------------------|----------|----------------------|

Product may cause some initial thickening which will reduce on stirring

Specification

| | | |
|-----------------------|---------|----------|
| Amine value, mg KOH/g | 187-200 | VE 5.007 |
|-----------------------|---------|----------|

Physical properties

| | |
|--------------------------|---------------|
| Appearance at 25°C (77°) | liquid |
| Flash point, °C | >100 (>212°F) |
| Pour point, °C | 4 (39°F) |

| | 20 | 30 | 40 | 50 | °C |
|-----------------------|------|------|------|------|----|
| | 68 | 86 | 104 | 122 | °F |
| Density, g/cc | 0.91 | 0.90 | 0.89 | 0.89 | |
| Density, lbs/U.S. gal | 7.53 | 7.48 | 7.44 | 7.39 | |
| Viscosity, mPa s (cP) | 130 | 75 | 50 | 34 | |

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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