

## Rediset<sup>®</sup> LQ-900

Compaction aid for hot and warm mixes. Allows a reduction in mixing and paving temperatures while providing active and passive adhesion.

### Benefits and features

- Active and passive adhesion:**  
 Rediset LQ-900 enables treated bitumen to actively coat damp aggregate which ensures good coverage even at lower mixing temperatures. It also provides long term adhesion which improves durability and lifetime of the asphalt pavement.
- Cost effective:**  
 Rediset LQ-900 is a lower cost yet 100% active product
- Improved workability and compaction:**  
 Mixes remain workable to lower temperatures and are easier to compact which enables cool weather paving, longer haul distances and faster paving operations
- Heat stability:**  
 Performance is maintained after 3-5 days storage in hot bitumen
- Easy to use:**  
 The product has lower viscosity at ambient temperatures compared to other products

### Storage and handling

Rediset LQ-900 may be stored in carbon steel tanks. Bulk storage should be maintained at 10-40°C (50-105°F). Avoid heating above 65°C (150°F). Rediset LQ-900 contains amines and may cause severe irritation or burns to skin and eyes. Protective gloves and safety goggles must be used when handling this product. For further information, consult the Safety Data Sheet.

### Dosage

Hot and warm mix	0.5-0.7%	basis binder
Compactability aid	0.3-0.5%	basis binder
Adhesion promoter	0.3-0.5%	basis binder

### Specification

Acid value, mg KOH/g	<10	VE 2.013
Amine value, mg HCl/g	265-290	VE 2.018

### Physical properties

Appearance at 25°C (77°F)	amber liquid			
Flash point, °C	>200			
Pour point, °C	3			

	10	20	30	40	°C
	50	68	86	104	°F
Density, g/cc		0.926			
Viscosity, mPa s (cP)	209	117	44		

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

Rediset LQ-900 is available in bulk shipments, in tight head drums of 190kg (419lb) net weight, or in one-way totes (IBCs) of 900kg (1984lbs).

## Notes

For more information see the technical bulletin: Rediset LQ.

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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