

Rediset[®] LQ-1102C

Compaction aid for hot and warm mixes. Heat-stable adhesion promoter. Rediset LQ-1102C allows a reduction in mixing and paving temperatures while providing built in anti-stripping effect.

Benefits and features

- Active adhesion:**
 Treated bitumen has the ability to coat damp aggregates, which ensures good coverage at lower mix temperatures
- Heat stability:**
 The performance is maintained after storage in hot bitumen
- Improved workability and easier compaction:**
 The mixes remain workable to lower temperatures and are easier to compact, which enables cool weather paving, longer haul distances and faster paving operations
- Moisture resistance:**
 Treated bitumen shows exceptional adhesion and mixes meet requirements for moisture resistance. Additional adhesion promoter is not required.

Storage and handling

Rediset LQ-1102C may be stored in carbon steel tanks. Bulk stores should be maintained at 15-30°C (59-86°F). Rediset LQ-1102C contains amines and is corrosive to skin and eyes. Protective gloves and safety goggles must be worn when handling this product. For further information consult the Safety Data Sheet.

Packaging information

Rediset LQ-1102C is available in bulk delivery, in tight-head steel drums of 425 b (193 kg) net weight or in one-way totes (IBCs) of 2100 lbs (953 kg) net weight.

Dosage

Hot and warm mix	0.3-1.0%	basis binder
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Specification

Amine value, mg KOH/g	540-640	SMA CL002
Water, %	max 1	SMA CL007

Physical properties

Appearance at 25°C	liquid			
Flash point, °C	165 (329°F)			
Pour point, °C	0 (32°F)			

	10	20	30	40	°C
	50	68	86	104	°F
Density, g/cc	1.00	1.00	0.99	0.98	
Density, lbs/U.S. gal	8.37	8.34	8.29	8.21	
Viscosity, mPa s (cP)	8120	1703	843	393	

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

Notes

For more information see the technical bulletin: Rediset LQ.

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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