

Rediset[®] LQ-1200

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

Benefits and features

- Active adhesion:**
 Bitumen treated with Rediset LQ-1200 has the ability to coat damp aggregate which ensures good coverage even at lower mix temperatures
- Heat stability:**
 Performance is maintained after long storage in hot bitumen
- 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
- Moisture resistance:**
 Treated bitumen has exceptional long-term adhesion enabling mixes meet specifications for moisture resistance. Additional adhesion promoter is not required
- Lower odor:**
 Contains less volatile ingredients which reduces odour at higher mixing temperatures

Storage and handling

Rediset LQ-1200 may be stored in carbon steel tanks. Bulk stores should be maintained at 15-30°C (60-86°F). Rediset LQ-1200 contains amines and is corrosive 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 *	0.3-0.8%	basis binder
Compaction aid for hot mix	0.3-0.5%	basis binder
Adhesion promoter	0.3-0.5%	basis binder

* Dosage dependent on magnitude of temperature reduction and type of mixes

Specification

Amine value, mg KOH/g	784	SM 5.005
Water, %	max 1	VE 5.022

Physical properties

Appearance at 25°C (77°F)	liquid
Flash point, °C	230 (446°F)
Pour point, °C	<-20 (-4°F)

	10	20	30	40	°C
	50	68	86	104	°F
Density, g/cc	0.981	0.975	0.969	0.962	
Density, lbs/U.S. gal	8.14	8.19	8.09	8.03	
Viscosity, mPa s (cP)	650	471	230	135	

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-1200 is available in bulk delivery, in tight-head steel drums of 190kg (419lb) net weight or in one-way totes (IBCs) of 950kg (2093lb).

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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