

Kling[®] Beta LL

Additive for cold stockpile mixes based on cutback or fluxed bitumen used for pothole patching, reinstatements and repairs

Benefits and features

- Active adhesion:**
 Treated bitumen has the ability to coat damp aggregates, which ensures good coverage at lower mix temperatures. The active adhesion allows mixtures to displace water when placed on the road.
- Improved workability:**
 The mixes remain workable over long periods and at lower temperatures
- Suitable for most aggregate types:**
 Bitumen treated with Kling Beta LL shows good adhesion to both limestone and siliceous aggregates

Storage and handling

Kling Beta LL may be stored in carbon steel tanks. Bulk storage need not normally be heated. Avoid heating above 65°C (150°F). Kling Beta LL contains amines and may cause irritation 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

Kling Beta LL is available in bulk shipments, in tight-head steel drums of 400 lbs (181 kg) net weight, or in one-way totes (IBCs) of 2000 lbs (907 kg) net weight.

Dosage

Patch mix	1-4%	basis binder
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Specification

Amine value, mg KOH/g	45-60	SMA CL002
Water, %	max 1	SMA CL007

Physical properties

Appearance at 25°C (77°F)	liquid
Flash point, °C	>187 (>370°F)
Pour point, °C	<0 (<32°F)

	10	20	30	40	°C
	50	68	86	104	°F
Density, g/cc	0.94	0.93	0.92	0.92	
Density, lbs/U.S. gal	7.80	7.75	7.69	7.65	
Viscosity, mPa s (cP)	690	400	210	150	

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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