

KLING® BETA LL

Application Additive for cold stockpile mixes based on cutback or fluxed asphalts and used in patching, reinstatements and repairs.

Advantages

- *Improved Coating:* Use of Kling Beta LL ensures good coating of the aggregate.
- *Improved Adhesion:* Asphalt Treated with Kling Beta LL resists stripping both on the stockpile and in the roadway.
- *Extended workability:* Stockpile mixes prepared using Kling Beta LL maintain good workability for longer periods.
- *Suitable for a range of aggregates:* Kling Beta LL is optimized for use with limestone and dolomites but gives good results with a variety of aggregates.

Typical Dosage 1.0 - 4.0% by weight of cutback asphalt is recommended.

The product can be incorporated into the asphalt by mechanical agitation, pump circulation of the storage tank, or by injection into the cutback asphalt loading line followed by recirculation through the truck bypass system until properly mixed.

Physical Properties	Appearance at 25°C		Dark brown liquid				
	Pour point, °C	<0 (<32°F)					
Flash point, °C	>187 (> 370°F)						
			10	20	30	40	°C
			50	68	86	104	°F
Viscosity, mPa.s (cP)	690	400	210	150			
Density, g/cc	0.94	0.93	0.92	0.92			
Density, lbs./gal	7.80	7.75	7.69	7.65			

See reverse for additional data

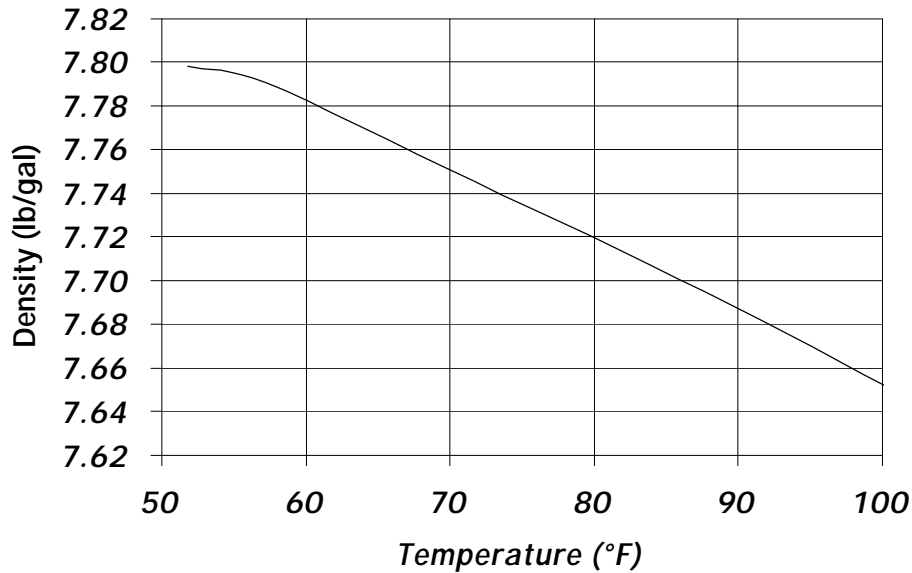
Storage and Handling Kling Beta LL may be stored in carbon steel tanks. Bulk storage need not be heated. Avoid heating above 65°C (150°F).

Kling Beta LL contains amines and may cause irritation to skin and eyes. Protective gloves and safety goggles must be used when handling this product. For further information, consult the Material Safety Data Sheet.

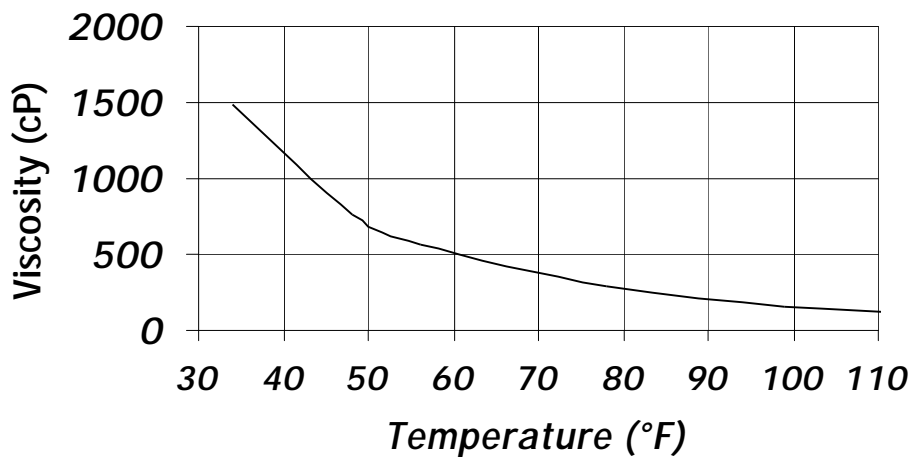
**Packaging
Information**

Kling Beta LL is available in bulk shipments or in 55-gallon tight-head drums of 400 lbs. (181 kg.) net weight.

Density vs. Temperature



Viscosity vs. Temperature



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