

PERMA-TAC® PLUS

Application	Liquid antistrip for hot-mix asphalt pavements.
Advantages	<ul style="list-style-type: none"> • Heat Stability: Perma-Tac Plus meets the heat stability test requirements of state highway testing laboratories. • Easy Handling and Storage: Perma-Tac Plus is a low viscosity liquid product with good low temperature handling properties.
Typical Dosage	0.50-1.0% by weight of asphalt is recommended, which should be determined in laboratory mix design tests.

Perma-Tac Plus is preferably added to the asphalt at the hot-mix plant by means of a specially designed injection system.

Alternatively, the product can be incorporated into the asphalt by mechanical agitation, pump circulation of the storage tank, or by injection into the 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	>200 (> 392°F)				
		10	20	30	40	°C
		50	68	86	104	°F
	Viscosity, mPa.s (cP)	900	520	270	100	
	Density, g/cc	1.03	1.03	1.02	1.01	
	Density, lbs./gal	8.57	8.53	8.47	8.42	

See reverse for additional data

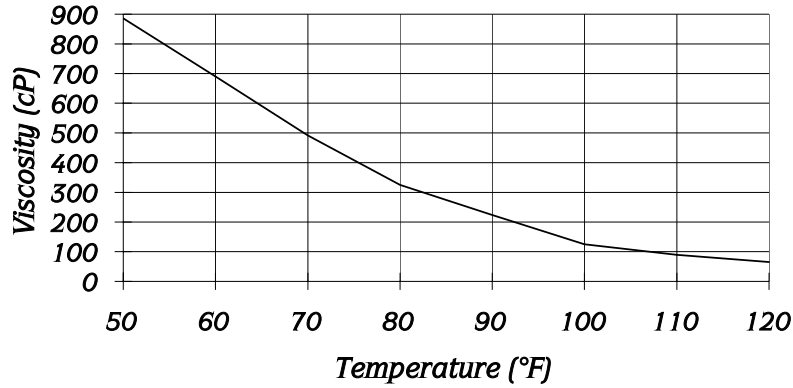
Storage and Handling	Perma-Tac Plus may be stored in carbon steel tanks. Bulk storage need not be heated. Avoid heating above 65°C (150°F).
	Perma-Tac Plus contains amines and may cause severe irritation or burns to skin and eyes. Protective gloves and safety goggles must be used when handling this product. For further information, consult the Material Safety Data Sheet.

Packaging Information	Perma-Tac Plus is available in bulk shipments or in 55-gallon tight-head drums of 460 lbs. (211 kg) net weight.
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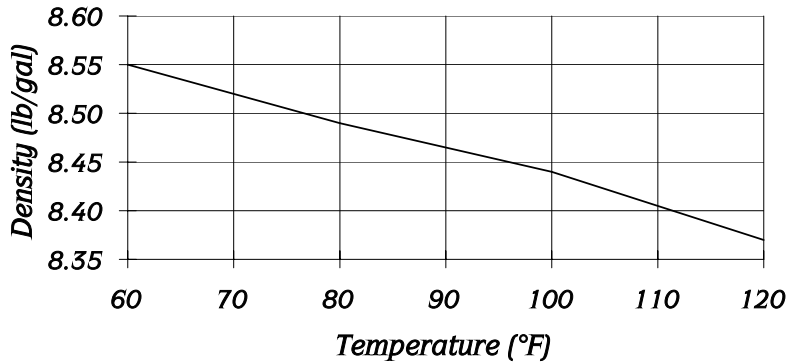
Notes

For regulatory reasons this product is not available in Canada.

Viscosity vs. Temperature



Density vs. Temperature



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