



Technical Data Sheet



Typical Uses:

NTRS-1P, QCT asphalt emulsion is used for non-tracking tack coats when a fast emulsion “break” is required. It is resistant to rubber tire pickup from dump trucks to maintain a clean paving job without the long waiting time for emulsion break normally encountered with conventional emulsions.

Characteristics:

NTRS-1P, QCT is an anionic rapid set asphalt emulsion containing both PG binder and polymeric additive colloidal dispersed as an emulsion. It has excellent compatibility and adhesion with both granite and limestone aggregates. This emulsion has a typical break time of 20 – 30 minutes when applied at recommended temperatures and rates. Testing on a Loaded Wheel Tester (ISSA TB 109), 0.07gal/yd², for 6 passes results in no pickup or tracking. Storage tanks should be routinely recirculated once a week for a few minutes without incorporating air into the emulsion and maintained at a temperature of 120F – 140F. DO NOT MIX WITH CATIONIC EMULSIONS.

Typical Application:

Do not dilute with water. It is important to use spray nozzles appropriately sized for the application rate resulting in a uniform application with 80-100% coverage of the pavement. There should not be any puddling or windrowing. Tack should be applied at 0.04 - 0.07 gal/yd² air temperature 50F and rising, pavement temperature 50°F and rising. Hand wand application should be done with caution. Do not over apply. Recommended application temperature is 170 - 180°F.

Specifications:

Tests on emulsion:

Viscosity, Saybolt Furol @ 77°F	<u>Min</u>	<u>Max</u>
Sieve Test, %	20	100
Residue by Distillation, 350°F, %	--	0.1

	<u>Min</u>	<u>Max</u>
	50	--

Tests on residue from distillation test:

Penetration, 77°F, 100g, 5s	--	60
Ring & Ball Softening Point, °F	120	--

	--	60
	120	--

Caution:

Read SDS prior to use. Wear appropriate PPE and follow all safe handling guidelines. Use with adequate ventilation and avoid breathing vapor or fumes. Avoid contact with skin as hot product can cause thermal burns. In case of contact with skin or eyes, flush with cool water for at least 15 minutes and get medical attention. Do not remove product from skin.

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