



FASTAC

ANTI-STRIP AGENT

Strengthens active adhesion between asphalt binder and aggregate

Based on green chemistry, Fastac is pH neutral and won't counteract benefits of other additives (i.e. polyphosphoric acid/PPA) as do conventional amine-based anti-strip agents.

How is Fastac incorporated?

It can be pre-blended with asphalt cement at the terminal or at the contractor's production facility. Fastac can also be incorporated via in-line blending providing ultimate flexibility.

What is the addition rate?

Add rates for Fastac range between 0.25% to 0.75% based on added asphalt cement content.

What is the shelf life?

Fastac remains a homogeneous, stable mixture when blended with asphalt cement.

NOTABLE BENEFITS

- Active adhesion chemistry improves bonding; prevents moisture intrusion
- Compatible with all known asphalt additives & modifiers
- Non-corrosive to pumps, pipelines and storage tanks
- Environmentally friendly
- Can be transported without any special placarding or licensing
- Non-toxic, odor-free and safe for workers

IMPORTANT PROPERTIES

- Physical Form: slightly viscous, free-flowing liquid
- Density: 7.77 lbs./gallon at 77°F
- Coverage: 95%+ of aggregate surface with uniform layer of binder after Water Boil Test

See Proof that Verifies Fastac Performance Advantages

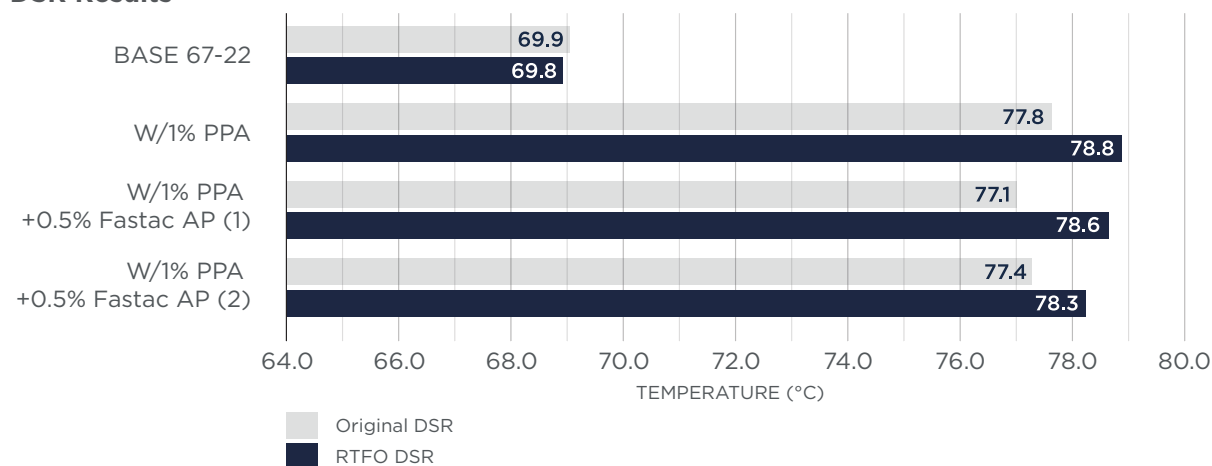
Our products undergo rigorous field testing before they go to market. It's chemistry that matters in the mix.

Fastac-R & Fastac vs. the Competition

	MIX ID	Dosage Rate	Saturation %	Conditioned PSI	Unconditioned PSI	TSR
MIX 1	Control @5.3% AC	N/A	75.4	179.4	235.0	76%
	Hydrated Lime ¹	1.00	77.1	163.2	173.3	94%
	Anti-Strip A ²	0.25	70.5	185.7	203.8	91%
	Fastac-R²	0.25	76.2	183.8	196.9	93%
MIX 2	Control @5.5% AC	N/A	71.9	157.2	209.5	75%
	Anti-Strip A ²	0.75	73.4	146.4	179.6	82%
	Anti-Strip B ²	0.05	75.4	144.6	168.9	86%
	Fastac²	0.35	74.2	160.3	180.4	89%

1 on total mix weight
2 on virgin binder weight

DSR Results



Additional Fastac Products & Applications

Fastac-R: Anti-Strip plus WMA compaction aid, Fastac-N: Anti-Strip for highly moisture susceptible aggregates & Fastac-AP: PPA Compatible Anti-Strip

Manchester Pavement Solutions creates chemical additives to overcome challenging asphalt construction problems. Designed by contractors for contractors, every product is field-tested, conditions-based, and results-driven.