



COLD PATCH BLEND

Solvent free, self-healing additive for making pavement-mending & pothole-patching mixture

Unique self-healing properties allow the new mix to mend with existing pavement, unlike traditional cold patch mixes that just “sit” in the hole. REpave is green chemistry that stays workable at ambient temperatures with no need for addition of harmful solvents.

How is REpave incorporated?

REpave can be pre-blended with asphalt cement at the production facility or introduced in-line for operations that produce on-demand cold patch, avoiding the use of valuable tank space.

What is the shelf life?

REpave forms a homogeneous, stable mixture when blended with asphalt cement. It is recommended to use in asphalt cement within 24 hours after blending.

NOTABLE BENEFITS

- Compatible with all known asphalt additives and modifiers
- Simple to use - works on patches of all sizes
- High flashpoint prevents combustion during mixture production
- Safe for the environment and for workers

IMPORTANT PROPERTIES

- Physical Form: slightly viscous, free-flowing liquid
- Odor: natural to mild & clean
- Density: 7.47 lbs./gallon at 77° F
- Coverage: 95%+ of aggregate surface with uniform layer of binder after Water Boil Test

See Proof that Verifies REpave Performance Advantages

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

Asphalt Binder/REpave Test Results

Sample ID TEST METHOD	REpave AS TESTED	Cold Mix A	Cold Mix B SPECIFICATION VALUES FROM M 120-10	Cold Mix C
Flash Point (COC), F	420F	200F	200F	200F
Kinematic Visc., 60C, cST	210.0	350 - 3000	300 - 4000	300 - 4000
Max Moisture Content, %	0.1	0.2	0.2	0.2
Absolute Visc., 60C, Pa-s	6.9	11.5 - 44.0	12.5 - 42.5	12.5 - 42.5
Absolute Visc., 60C, Poises	69.0	1115 - 440	125 - 425	125 - 425
Ductility, 4C (39F), cm	54*	85	100.0	100.0
Solubility in TCE, %	99.72	99.00	99.00	99.00

*Sample did not break, but failed by touching the bottom of the Ductility bath.

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.