

Road Science Introduces ColdGrip™ IQ to Eliminate Pothole Peeves by Enabling Smarter, More Efficient Road Maintenance Year-Round

ColdGrip IQ creates better performing cold patch mix for pothole repair that is easier to produce, remains workable long-term and provides stronger adhesion for longer patch life.

Tulsa, Okla. ([PRWEB](#)) August 16, 2016 -- Road Science, a division of ArrMaz, is pleased to introduce its latest innovation in asphalt additive chemistry, ColdGrip IQ, specially formulated to produce better performing cold patch for pothole repair. ColdGrip IQ improves pothole patch technology by chemically transforming cutback asphalt to be highly compatible with cool, damp and dusty aggregates for easier production and longer patch life. ColdGrip IQ's easy handling features in cold temperatures and low odor make it one of the smartest and easiest to use additives available to the industry for better pothole repair in any season.

Better roads and longer lasting pavements are the foundation of local economies – they keep people and goods moving. With our rapidly aging road infrastructure, more efficient and durable road maintenance solutions are needed. Cold patch, also known as cold mix, is one such solution that is used to fill and repair potholes that occur in pavements, parking lots and driveways.

Often potholes contain water and repairs must be made in less than ideal weather conditions. Cold patch is especially suited for year-round use because it can be stored for extended periods of time, even in winter months, and can be packaged and sold in bags for use by the retail market. Potholes are prepared and filled with the cold patch mix, leveled and compacted to restore the pavement to a safe and usable condition.

Cold patch is produced by mixing cutback asphalt, a combination of asphalt cement and petroleum solvent, and a variety of rock that is crushed and sized into aggregates. When added to cutback asphalt, ColdGrip IQ improves the coating and adhesion of the cutback to cool, damp and dusty aggregates during production, eliminating aggregate coating challenges and enabling the use of less pricey aggregates for reduced costs and improved production efficiency.

ColdGrip IQ also significantly extends patch life by strengthening adhesion of the cold patch to the pothole by displacing and repelling water from the pothole and forming a stronger bond to the existing pavement. Patch durability is enhanced by ColdGrip IQ's ability to eliminate stripping, raveling and premature failures of the cold patch for longer patch life.

An added benefit of ColdGrip IQ is its ability to maintain stockpile workability of the cold patch mix over time. During production, ColdGrip IQ creates exceptional asphalt film thickness around the aggregate providing stronger protection against stockpile stripping and ensuring long-term workability. This eliminates wasted material costs and any need for reprocessing, while enabling maintenance crews to use cold patch stockpiles to fill potholes over extended periods of time. ColdGrip IQ maintains its low viscosity even in below freezing temperatures for maximum operational convenience.

“ColdGrip IQ creates a better cold patch mix that lasts longer in the stock pile and on the road. Any asphalt mix producer that wants to make cold mix faster, easier and at less cost with better, longer-lasting pothole patch performance needs ColdGrip IQ,” said Ray Gore, Business Manager, Additives at Road Science.

ColdGrip IQ is just another way that Road Science is helping the asphalt paving industry improve road quality



and safety worldwide.

About ArrMaz & Road Science

ArrMaz is a global leader in the development of specialty chemicals for the asphalt, mining, fertilizer, phosphate, and oil and gas industries worldwide. Since 1967, ArrMaz has manufactured chemical process aids and additives formulated to optimize process performance and product quality. Road Science, a division of ArrMaz, is a technology leader in the supply of asphalt emulsifiers and additives to the North American asphalt paving market. Much more than “off-the-shelf” products, their complete system solutions include technical services such as job support, mix design, formulation, crew training and specification development to meet the unique needs of the asphalt paving industry. For more information about our company and products, please visit us online at arrmaz.com and roadscience.net.

**Contact Information****Ray Gore**

Road Science, a division of ArrMaz

<http://www.roadscience.net/>

+1 (918) 960-3859

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