

2012-13 District Winner

PrOMo Challenge

<http://wwwi/intranet/cr/SolutionsAtWork/Innovations.htm>

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Prepared by Customer Relations
Missouri Department of Transportation

Non-stick Spray Prep/Cleaning Method



Description

The Crafcro sealing equipment is used for road surface cracks and bridge ends. A wedge-shaped squeegee is used to apply the hot oil mixture and requires cleaning between applications. By using non-stick spray before applying hot oil, the squeegee full of sticky oil can easily be cleaned. The previous method of pulling hardened oil from the squeegee damaged it quickly. By using the non-stick spray before application, the useful life of the squeegee is much longer.

Benefit

Efficiency: The non-stick spray makes cleanup of equipment much quicker. The can is self-contained, small and portable. It can be kept in each piece of equipment on the job to make prepping the squeegee at different locations efficient.

Cost: The cost of the spray is around \$2, depending on the brand and size purchased.

Quality: By properly prepping the squeegee before each use, the quality of the Crafcro sealing is higher, because the squeegee isn't torn or damaged from removing hardened oil from prior jobs.

Organizational Impact: If non-stick spray was used statewide, costs associated with buying new squeegees would decrease, and the cleaning labor time would be shorted, allowing maintenance workers more time for other job duties.

Safety: By using non-stick spray, the prepping, cleaning and moving of equipment to its next location is very quick, reducing the time a maintenance person is on the roadway.

Environmental: Non-stick spray has minimal impact to the environment. It has been approved for use on a regular basis and does not cause health hazards nor does it require special environmental clean-up efforts, like diesel or other solvents.

Team Member

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For More Information

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Additional photos can be seen by accessing the Innovations Challenge homepage at <http://wwwi/intranet/cr/SolutionsAtWork/Innovations.htm>