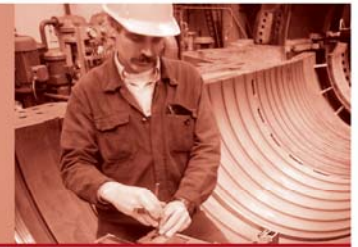




APPLICATION CASE HISTORY NO. 270



## Loctite® Magna-Crete® Provides Idaho DOT With An Effective Road Repair System In Any Weather

*Fast Cure Time Gets Cars On The Road Faster*



### SITUATION

Winter weather in the Northwest is tough on roadways. Exposure to cold, rain, snow, sun and salt is a perfect recipe for potholes, frost heaves and other concrete damage. The Idaho Department of Transportation was looking for an effective concrete repair product that could be used throughout the year. Many of the products they had used worked fine during the summer months, but they wanted something that could be used all winter long – in virtually any type of weather. That’s when they called on Henkel to help.

### SOLUTION

Loctite® Fixmaster® Magna-Crete® is a unique, two-component, rapid-setting concrete repair and grouting system that dramatically out-performs conventional concrete repairs. Unlike conventional cement, latex and acrylic-modified quick-set mixes, Magna-Crete® does not use water. Consequently, repairs can be made in all weather conditions, at temperatures from -15° F to 130° F (-9° C to 54° C).

The set time of 10 to 90 minutes, depending on air temperature, means you can build on it, walk on it and even drive over it in less than an hour. Within two hours, Magna-Crete® reaches the strength of concrete (3,000 psi) and at full cure, Magna-Crete® has a strength of more than 13,000 psi.

Loctite® Fixmaster® Magna-Crete® is available in one gallon and five gallon containers, and the 2,475 lb. Super Sack.

### RESULTS

Loctite® Fixmaster® Magna-Crete® has surpassed all expectations of the Idaho DOT. The Super Sack has allowed them to buy in bulk, and dispense as needed using a hopper purchased from a local farm supply store.

According to the Idaho Transportation Department Maintenance Specialist, “The ability to get traffic back on a repaired roadway quickly is a great benefit to public transportation, and a stress reducer for the local transportation department.”



*Loctite® Fixmaster® Magna-Crete® is available in 1 gallon and five gallon kits (below), as well as the 2,750 Super Sack, which the Idaho DOT dispenses with a grain hopper (above).*



**USA**  
**Henkel Corporation**  
1001 Trout Brook Crossing  
Rocky Hill, Connecticut 06067  
Tel: 860.571.5100  
Fax: 860.571.5475

**CANADA**  
**Henkel Canada Corporation**  
2225 Meadowpine Boulevard  
Mississauga, Ontario L5N 7P2  
800.263.5043 (within Canada)  
Tel: 905.814.6511  
Fax: 905.814.5391

**MEXICO**  
**Henkel Capital, S.A. de C.V.**  
Calz. De la Vigna s/n,  
Fracc. Los Laureles 55090  
Ecatepec, Edo. De México  
01.800.90.181.00 (within Mexico)  
Tel: +52.55.5836.1338  
Fax: +52.55.5787.9004