FRITZ-PAK CONCRETE ADMIXTURES

SLICK-PAK

Product Bulletin #125

Concrete Pump Primer and Pumping Aid

ADVANTAGES

- The original patented pump primer
- Reduces the need for expensive ready-mixed priming grout
- Eliminates or reduces the need for carrying bagged portland cement
- Packaged in easy to handle 8 ounce bags
- Increases ease and range of pumpability
- Decreases wear on equipment
- Easily introduced into pumping equipment
- Decreases horsepower required
- Reduces friction and line pressure
- Slick-Pak is packaged in ready-to-use water-soluble Fritz-Pak inner bags.

DESCRIPTION

Slick-Pak is a dry powdered pump primer and pumping aid packaged in a patented, ready-to-use, water-soluble bag. **Slick-Pak** is uniquely formulated to provide the concrete pumper with a cost-effective replacement for premium priced grout, primer slurries or bagged cement primers. Additionally, **Slick-Pak** functions as a concrete pumping aid by reducing line pressure, which enables the placement of hard to pump mixes and increasing the range of pumpability. **Slick-Pak** is also environmentally safe and compatible with all conventional concrete materials. **Slick-Pak** contains no bentonite, cementitious materials, soaps or air entraining agents.

DIRECTIONS FOR PUMP PRIMING

Use the following directions to prime one hundred feet of five inch pump line:

CASE 1 - FOR PUMPS WITH PRIMING PORTS:

1. Each 8-oz **Slick-Pak** is double bagged. Remove the outer bag and add the patented water-soluble Fritz-Pak inner bag to a five-gallon bucket of water.
2. Stir or mix for 1-2 minutes.
3. Allow the mixture to set for at least five minutes. (Slick oily texture should develop.)
4. Remix for one minute and pour into the primer port just prior to pumping.

CASE 2 - FOR PUMPS TO BE PRIMED VIA HOPPER:

A. WITH INTAKE PORTS VERTICAL TO GROUND (gate, rock or swing tube type valves, etc...)

1. Mix **Slick-Pak** as described in CASE 1 but with only half the water (about 2 ½ gallons).
2. Center the pumping valve if possible.
3. Fill water in the hopper as normal for priming (i. e. to the bottom of the intake ports).
4. Pour the **Slick-Pak** slurry into the hopper to allow the prime to be charged in the system ahead of the concrete.

B. WITH INTAKE PORTS HORIZONTAL TO GROUND (ball valves, flapper valves, etc..)

1. Mix **Slick-Pak** as described in CASE 1 but with only one half five gallon bucket of water.
2. Fill water in the hopper as normal for priming.
3. Pour **Slick-Pak** slurry directly into the intake port just prior to pumping.

CASE 3 - FOR PRIMING DIRECTLY IN THE HOPPER

1. Remove the protective outer bag and place the 8-ounce water-soluble inner bag of **Slick-Pak** in the corner of the hopper.
2. Spray **Slick-Pak** with water until bag dissolves and all material is washed down into the bottom of the hopper.
3. Fill water in the hopper as normal for priming (at least 10 to 15 gallons).

continued

Use as a Pumping Aid

Slick-Pak is a lubricant agent for pipe and hose. In addition, **Slick-Pak** is compatible with all conventional concrete materials and can be used as any standard concrete pumping aid. As a pumping aid, **Slick-Pak** should be added at a recommended dosage of 1 to 3 bags per load of concrete. **Slick-Pak** may be added directly to the ready-mix concrete and should be mixed for 5 to 7 minutes to ensure that the material is uniformly dispersed. **Slick-Pak** will have no deleterious effects on the structural integrity of the concrete. Contact your local Fritz-Pak representative or distributor with any questions concerning the usage of this product. It is recommended that testing be done to determine the suitability of **Slick-Pak** to your particular application.

Packaging

Fritz-Pak Slick-Pak

- 8 oz. (227 g) water soluble bag, 60 bags per case (item #97134)

Note

When the concrete contains superplasticizers, we recommend doubling the amount of water used to prepare the **Slick-Pak** solution for pump priming.

Precautions

All Fritz-Pak Concrete Admixtures should be stored in a dry location, protected from breakage, deterioration and contamination. They are not subject to damage from freezing temperatures.

Disclaimer

The information and recommendations in this publication are, to the best of our knowledge, reliable. Suggestions made concerning uses or applications are only the opinion of Fritz-Pak Corporation and users should make their own tests to determine the suitability of these products for their own particular purposes. Because of numerous factors affecting results, Fritz-Pak Corporation makes no warranty of any kind, expressed or implied, including those of merchantability and fitness for purpose. Statements herein, therefore, should not be construed as representations or warranties. The responsibility of Fritz-Pak Corporation for claims arising out of breach of warranty, negligence, strict liability, or otherwise are limited to the purchase price of the materials.

U.S. Patents No. 4,961,790 and No. 5,120,367, No. 5,443,636 and No. 5,587,012.

Notes:

Also available:

- **Slick-Pak II**
  Similar in composition to Slick-Pak but has higher amounts of thickening and lubricating agents to help in pumping harsh mixes, lean concrete, lightweight concrete and flowable fill. Can be used as a fluid loss additive when grouting into sandy soils.

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Contact Fritz-Pak for information on:

- **Concrete Retarders**
- **Superplasticizers**
- **Air-Entraining Agents**
- **Pump Primers/Pumping-Aids**
- **Water Reducers**
- **Non-Chloride Accelerators**
- **Finishing Aids**
- **Non-Shrink Grout Additives**
- **Concrete Surface Retarders**
- **Admixture Concentrate for Dry Packaged Blenders**