FRITZ-PAK
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SLICK-PAK II

PUMPING AID ADMIXTURE

Slick-Pak II is a dry, powdered pump primer and pumping aid formulated to provide a cost-effective replacement for premium priced grout, primer slurries, or bagged cement primers. Slick-Pak II reduces line pressure, enabling the placement of hard to pump mixes and increases the range of pumpability.

ADVANTAGES

- Does not contain air entrainers
- Does not discolor concrete
- Decreases equipment wear
- Easy, on-site mixing

CERTIFICATIONS

ASTM C-494 Type S

PACKAGING

ITEM NUMBER	WEIGHT	BAGS PER CASE	CASES PER PALLET
97136	8 ounces	60	42

PUMP PRIMING NOTES

As with any pump priming material, the first few gallons of concrete will have a higher water content than the subsequent mix, which may affect certain pours, such as slabs and columns. To avoid potential problems, discard the first few gallons of the load and then continue pouring as normal. Always communicate with on-site quality control personnel about the priming materials you are using.

DOSAGE

For pump priming, use one 8-ounce bag of Slick-Pak II in 5 gallons of water to prime up to 100 feet of 5 inch pipe. If a superplasticizer is present in the mix, you can increase the water to 10 or 15 gallons.

As a pumping aid, one 8-ounce bag of Slick-Pak II will treat 4 cubic yards of concrete to increase pumpability of harsh mixes. Concrete containing accelerators, retarders, or silica fume may require additional material. Contact your local Fritz-Pak distributor to learn more.

DIRECTIONS

AS A PUMPING AID

1. Determine the amount of Slick-Pak II required.
2. Add the desired number of 8-ounce bags of Slick-Pak II directly to the ready-mix truck.
3. Mix at high speed for 7 to 10 minutes to ensure that the Slick-Pak II is uniformly dispersed.
4. Additional Slick-Pak II may be added if necessary.

AS A CONCRETE PUMP PRIMER

Use the following directions to prime 100 feet of a 5-inch pump line.

FOR PUMPS WITH PRIMING PORTS

1. Add 1 bag of Slick-Pak II to a 5 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.

FOR PUMPS PRIMED VIA HOPPER

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

1. Prepare Slick-Pak II as you would for a pump with a priming port.
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 II 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. Prepare Slick-Pak II as you would for a pump with a priming port.
2. Fill water in the hopper as usual for priming.
3. Pour Slick-Pak II slurry directly into the intake port just prior to pumping.

FOR PRIMING DIRECTLY IN THE HOPPER

1. Place one 8-ounce bag of Slick-Pak II in the corner of the hopper.
2. Spray Slick-Pak II with water until the 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).

COMPATIBILITY AND STORAGE

Slick-Pak II is compatible with most concrete and cement admixtures. When using more than one admixture, each product should be dispensed separately. Slick-Pak II does not contain calcium chloride, nitrates, or other potentially corrosive materials. Store in a dry location, protected from breakage, deterioration, and contamination. Slick-Pak II is not subject to damage from freezing temperatures.

FREQUENTLY ASKED QUESTIONS

QUESTIONS	ANSWERS
How does Slick-Pak II Work?	Slick-Pak II leaves a coating of water and lubricating agents on all surfaces of the pipe or hose. As the concrete comes behind, the lubrication allows it to slip through the pipe without losing water.
What is the difference between Slick-Pak II and Slick-Pak?	Slick-Pak has a higher proportion of lubricating agents. Slick-Pak II has a higher proportion of water thickeners.
Does Slick-Pak II have fluid loss properties?	Yes. The thickeners used in Slick-Pak II work as fluid loss additives in the concrete.
Will increasing the concentration of Slick-Pak II improve performance?	No. A too-high concentration may thicken the concrete excessively and produce a plug in the line. It is better to increase the volume of Slick-Pak II used to ensure complete coverage and wetting of the line.
What is the best way to prime horizontal lines?	We recommend using a rubber ball in front of the priming solution to avoid only wetting the bottom of the line.
Why do I get plugs when priming for concrete containing superplasticizers?	Slick-Pak II requires water to hydrate. Concrete with superplasticizers tends to have a low water content, so if the Slick- Pak absorbs any water from the plasticized concrete, it will have a tendency to plug. For priming concrete with superplasticizers, we recommend increasing the amount of water used in the primer.
If I do not have a bucket available, can I prepare the priming solution in the hopper?	Yes. Be sure that the bag dissolves completely by directing the water stream over it.
How long in advance do I need to prepare my priming solution?	Allow at least 5–10 minutes for the product to dissolve. Once it dissolves, it will stay stable for several hours.
Will Slick-Pak II build up in the pipes?	No.
Can Slick-Pak II be added directly to the truck?	Yes. It will make the concrete more pumpable.
Does Slick-Pak II contain bentonite clay?	No, Slick-Pak II does not contain any clay.

WARRANTY

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.

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