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SLICK-PAK LIQUID PUMP PRIMER

Slick-Pak Liquid is a partially dehydrated version of the original Slick-Pak. It is uniquely formulated to generate a high-viscosity material in less than 10 minutes. Slick-Pak Liquid is a great product to use in line pumps with small hose diameters.

ADVANTAGES

- Easy storage and transport
- Decreases wear on equipment
- Increases range of pumpability
- Easy, on-site mixing

CERTIFICATIONS

ASTM C-494 Type S

PACKAGING

ITEM NUMBER	WEIGHT	BOTTLES PER CASE	CASES PER PALLET
97130	3 ounces	36	72

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

Add one 3-ounce bottle of Slick-Pak to 5 gallons of water. If the mix contains a superplasticizer or water reducer, it is recommended that you use 10 gallons of water to maintain the same level of priming performance.

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DIRECTIONS

FOR PUMPS WITH PRIMING PORTS

1. Shake the bottle well before opening.
2. Pour 1 bottle of Slick-Pak Liquid into a 5 gallon bucket of water.
3. Mix for 1 to 2 minutes.
4. Allow the mixture to set for at least 5 minutes.(Slick oily texture should develop.)
5. Remix for one minute and pour into the primer port just prior to pumping.

FOR PRIMING VIA HOPPER

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

1. Prepare Slick-Pak Liquid 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 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)

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

FOR PRIMING DIRECTLY IN THE HOPPER

1. Fill water in the hopper as normal for priming (at least 10 to 15 gallons).
2. Shake the bottle of Slick-Pak Liquid before opening.
3. Pour the bottle directly into the hopper.
4. Mix for 1 to 2 minutes.
5. Let the material rest for 5 minutes before priming.

COMPATIBILITY AND STORAGE

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

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FREQUENTLY ASKED QUESTIONS

QUESTIONS	ANSWERS
What is Slick-Pak Liquid?	It is a specially formulated liquid emulsion of Slick-Pak concrete pump primers.
How does Slick-Pak Liquid work?	Slick-Pak Liquid 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 Liquid, Slick-Pak, and Slick-Pak II?	The three primers all have the same materials. Slick-Pak & Slick-Pak II are powdered materials. Slick-Pak liquid is partially hydrated.
Is Slick-Pak Liquid stronger than traditional Slick-Pak or Slick-Pak II?	No. Slick-Pak II is the strongest material, followed by Slick-Pak and then Slick-Pak Liquid.
Will increasing the concentration of Slick-Pak Liquid 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 used to ensure complete coverage.
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 Liquid requires water to hydrate. 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 using more water in the priming materials.
Will Slick-Pak Liquid build up in the pipes?	No.
Can Slick-Pak Liquid be added to the truck?	Yes. It will make the concrete more pumpable.
Does Slick-Pak Liquid contain bentonite clay?	No, Slick-Pak Liquid does not contain clay.
Does Slick-Pak Liquid Freeze?	Yes. It will start to freeze around 10 °F (- 12 °C).
Can Slick-Pak Liquid be used after freezing?	Yes. There might be some separation of materials, so be sure to shake well.
How do I clean up spills of Slick-Pak Liquid?	Use dirt, sand, or cloth towels to absorb the spill. Toss into the trash. Spray the spill area with water to remove residual material.
Is Slick-Pak Liquid safe for the environment?	Yes. For further information refer to the Material Safety Data Sheet (MSDS).

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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