B&B Specialities (INDIA) Private Limited.

"The Specialty Chemical Company"

HI-PUMP PRIME

(Concrete Pump Primer & Pumping Aid)

DESCRIPTION

Hi-Pump Prime is a ready to use Water-soluble powder used as a pump primer and pumping aid. It is a unique Environmentally friendly formulated compound that provides the concrete pumper with a cost-effective replacement to premium priced grout, primer slurries or bagged cement primers. When using sticky mixes It reduces the line pressure and increase the range of pumpability. **Hi-Pump Prime** compatible with all conventional concrete materials and contains no bentonite, cementitious materials, soaps or air entraining agents.

USES

Consistent.
Time saver.
Easy to mix and use.
Easy to store on the pump.
Cheaper.
Cuts maintenance costs.

ADVANTAGES

- Eliminates the need for carrying bagged cement.
- No need for expensive ready-mixed priming grout.
- Minimizes wear and abrasion of equipment.
- Reduces friction and line pressure.
- Increases ease and range of pumpability.
- Decreases horsepower required for pumping.

PACKING

Hi-Pump Prime is available in 250Gms Pouch in box Containing 50 pouches.

TECHNICAL DATA

Appearance	: White Solids
Form	: Powder
Odor	: Odorless
pH Value	: 8-10 (1% Solution)
Solubility	: Soluble in Cold/Hot Water

DIRECTIONS

Follow the directions given below to prepare

Step 1. Mix:

- Empty one bag into 20 Lt bucket and half fill with water, stir for one minute.
- Fill remainder of bucket with water, stir for one minute.
- Let mix stand for at least 5 minutes or until a slick-like texture develops.

Step 2. Prime Pump: (determine situation that best describes your pump)

- If the pump has a priming port (CAPS), pour into primer port just ahead of ready-mix.

If primed through the hopper: For vertical intake ports (gate or rock valve):

- Fill water in hopper high enough for intake parts to charge as pump cycles.
- Pour the mixed Hi-Pump Prime into hopper so the prime is charged in the system ahead of the ready-mix For horizontal intake ports (ball or flapper valve):
- Fill water in hopper as necessary in order to allow the port or ports to charge as pump cycles.
- Pour the mixed Hi-Pump Prime directly into intake port just ahead of the ready-mix.

If primed directly in the hopper:

- Pour at least 5 gallons of water into hopper.
- Pour one bag of Hi-Pump Prime into hopper and cycle pump in revers for 15 to 20 strokes.
- Let stand at least 10 minutes prior to priming system.
- Charge prime into system ahead of ready- mix.

In actual working conditions slurry formed with one pouch of 250 gms. Hi- Pump Prime will be sufficient for 60-80 mtr. long pipe line of 125 mm. diameter. However the dosage may vary according to the site conditions (consumption may increase if the pipe line has more bends, unions or vertical transport sections).

Best results: Pre-mix in a 20Lt Bucket the night before.

STORAGE

Hi-Pump Prime should be stored in a dry location, protected from breakage, deterioration and contamination. They are not subject to damage from freezing temperatures.

WARNING

Do not use less than the recommended amounts of water to mix Hi Pump Prime.







1-2 pouches of 250g Hi-PUMP PRIME instead of

Sand / Cement slurry made of:



Cement
50 to 150 kg and



Sand
50 to 100 kg

+ 1/2 hour time for preparation of slurry

This Product is Formulated and Labeled and Commercial use only

For Best Results and Safest Usage, User is Specialty Directed to Consult.

Product Warranty: All recommendations, statements and technical data contained herein are based on tests we believe to be reliable and correct, HI BOND warrants its products to be free of m fg. Defects and that, at the time and place of shipment, our material will meet current published physical properties when applied within HI BOND'S directions and tested in HI BOND'S standards. HI BOND'S facility is limited to replacement of material found to be defective. As HI BOND has no control over the u e to which others m ay put its products. It is recommended that the product be tested to determine if suitable for a specific application and / or our inform at ion is valid in particular circumstance. Responsibility remains with the architect or engineer, contractor and owner for the design, applications and proper installation of each product. Nothing contained herein shall be construed to be a recommend at on to use or as a license to operate under or to infringe any existing patents.