

# BLUSKY™PUMP PRIME

## Concrete Pump Primer and Pumping Aid for concrete Pumping

### Description

**BLUSKY™PUMP PRIME** is uniquely formulated to provide the concrete pumper with a cost effective replacement for premium priced grout, primer slurries or bagged cement primers.

**BLUSKY™PUMP PRIME** contains no bentonite, cementitious materials, soaps or air entraining agents.

### Indicative characteristics

- Form : White Granular Powder
- Chemical base : Anionic Polymer
- Consumption : 100 gm will able to prime 60 meter of 5 inch pipe line.
- pH (1% soln.) :  $\geq 6$
- Chloride Content : Nil, as per BS - 5075 (Part-I)
- Compatibility : All cements

### ADVANTAGES:

**BLUSKY™PUMP PRIME** functions as a concrete pumping aid by creating thin lubrication film inside the pump and pipelines and reduce line pressure which enables the placement of hard to pump mixes and increasing the range of pump ability. Key advantages are:

- No need for expensive ready mixed priming grout.
- Eliminates the need for carrying bagged cement.
- Packaged in easy to carry and handle to use.
- Reduce friction and line pressure thereby increasing ease of pumping.
- Decrease wear on costly equipment.
- Reduces risk of blockage
- Decreases horsepower required for pumping.
- Environmentally safe product

### Domains of application

- All cement types
- All conventional concrete materials
- Ready mix concrete

### Precautions

Not to be stored at high temperatures for long periods. Should be protected from frost. It is Non-toxic and formulated from chemicals which present no fire or health hazards. Spillages should be washed down immediately with water.

### Method of use

**Dosage:** Each 100 gm **BLUSKY™PUMP PRIME** to be mixed with 30 liters of water either in drum or in the hopper of the concrete pump. Mix the **BLUSKY™PUMP PRIME** and water for approximately 2 minutes until the mixture assumes a slick oily texture condition. Add this mixture into the pump ahead of the concrete. Details are in the below.

Pack (100gm)	Water (liter)	Pipe Length
1 =100 gm	3	40 - 60 meters
2 =200 gm	6	80 - 120 meters

### Guideline Followed :

**BLUSKY™PUMP PRIME** will have no deleterious effects on the structural integrity of the concrete. Remember, as with any pump priming material, the first few quantity of concrete will have higher water content than the mix behind, which may affect certain pours, such as slabs and columns. To avoid potential problems discard the first few quantity.

**Shelf Life:** If stored in unopened original packing at normal ambient temperatures, a shelf-life of approximately 18 months.

### Packaging

100 Gms Pouch

### Safety

Before use, refer to the Material Safety Data Sheet. The MSDS is available on [www.bluskyscpl.com](http://www.bluskyscpl.com).

The information contained in this technical data sheet is given to the best of our knowledge and the results from extensive testing in order to remain as objective as possible. However, it cannot, in any case be considered as a warranty involving our liability in case of misuse or any different use of our products from the "Application" paragraph of this technical data sheet. Some application tests should be carried out before using the product to ensure that the methods of use and conditions of application of the product are satisfactory. Our technical assistance is at the disposal of the users Consult the latest update of the technical data sheet on our website [www.bluskyscpl.com](http://www.bluskyscpl.com)