

CHEMITO PUMP CARE

Ready to use powder for lubricant of Pump and Pipeline

CHEMITO

CONSTRUCTION CHEMICAL COMPANY

Stronger Construction Stronger Nation

DESCRIPTION:

CHEMITO PUMP CARE is a specially formulated anionic polymer for the lubrication of concrete pumps, hoses and pipelines prior to concreting works. CHEMITO Pump Lubricant when comes in contact with water produces a greasy film which helps to lubricate the pipe walls and facilitates problem free pumping of cementitious mixes.

DOMAINS OF APPLICATION/USES:

- One pack (200g) of CHEMITO - PUMP Lubricant is mixed with 40 Tirso water either in drum or in the hopper of the concrete pump till greasy condition is achieved.
- Mix the solution to further 100 ltrs of water for approximately 2 minutes and pump this mixture through the pump ahead of the concrete.
- For horizontal pump line, we recommend to use a rubber ball in front of the priming solution for complete wetting of the pump line.
- Using direct acting pump, concrete can easily be pumped up to distance of 450 m horizontally or 50 m vertically. For larger distances, relay pumping using pups in series may be adopted.

ADVANTAGES:

CHEMITO PUMP Lubricant is a cost-effective replacement for slurries made from bagged cement. It creates a thin lubricant film inside concrete pumps, hoses and pipelines and helps to reduce friction and prevent blockages. Key product benefit is:

- Reduces friction and line pressure thereby increasing ease of pumping.
 - Lubricates tools, lessen friction and heat
 - Can be easily introduced into pumping equipment
 - Environment friendly product
 - Does not affect the concrete
 - Only small quantity required
 - Reduce risk of blockages
- No need of transporting slurry from RMC plants.

TECHNICAL DATA:

PHYSICAL PROPERTY	White Granular Powder
CHEMICAL BASE	Blended Anionic Polymers
CONSUMPIOM	One unit of CHEMITO PUMP Lubricant is sufficient for pumping concrete up to 70m
SAFETY STANDARDS	Non-toxic and non-Flammable, Eco-friendly
pH(25C) 10% w/w SOLUTION	9.0±2.0
DISSOLVING TIME	>60min

CONSUMOTION:

One pack(200g) of CHEMITO PUMP Lubricant is mixed with 40ltrs of water, depending on the diameter of the conveying pipe following length of pump line can be lubricated

- For 65 mm diameter : 70m
- For 100 mm diameter : 50m
- For 125 mm diameter : 30m

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