



POLYGON CHEMICALS PVT. LTD. 201, Amar House, Plot No. 98, Sec-7, Koperkhairane, Navi Mumbai - 400709 Tel : 022 2754 4468 / 90 Fax No : 022 2754 4441 Email ID : info@polygonchemicals.com Website : www.polygonchemicals.com / www.polygonchemicals.in

VITCON 9016 EC

CONCRETE PUMP FACILITATOR

DESCRIPTION:

VITCON 9016 EC EZY-CRETE is a unique blend of polymer, available in liquid form which helps in removing the risk of choking of concrete pumps due to various reasons. **VITCON 9016 EC EZY-CRETE** helps in bringing down the coefficient of friction by maintaining a stable low-friction film on the pump inner wall, pipe/hose interiors and valves' surfaces thus minimizing the risk of choking. Even the wonder liquid is equally effective in case of segregated concrete to a large extent.

HOW IT WORKS:

The nano-particles and emulsion makes an oil-like film on the applied surface thereby decreasing the frictional pressure. The rheological behaviour of the emulsion resembles that of a **BINGHAM PLASTIC FLUID**. Hence it remains counteracting with the sudden pressure head generated at the outset of concreting. The **VITCON 9016 EC EZY-CRETE** pack can be mixed and stirred well with around 50 ltr. water and can be pumped before the actual pumping. However, if the pipe length and the bends are long and in case of porous pipes/hoses dosage can be increased. By no means, it can be mixed with other pump primers.



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ADVANTAGES:

- **VITCON 9016 EC EZY-CRETE** saves cement priming before concreting.
- More advanced technology and less reactive with concrete.
- Concrete properties remain unaffected with mixing of **VITCON 9016 EC EZY-CRETE**.
- Over dosage of **VITCON 9016 EC EZY-CRETE** can reduce the concrete workability a little.
- **More easy to handle than conventional powder concrete pump primer.**
- May create a smooth concrete profile and a good cohesive mix at the beginning.
- Once the **VITCON 9016 EC EZY-CRETE** water emulsion is prepared it can be restored for several hours (3-5 hours.)

DOSAGE AND APPLICATION TECHNIQUE:

One pack of 1 litre concentrate is recommended to mix with 50 litres of water and the emulsion has to be mixed thoroughly for 5-10 minutes. When the emulsion will give oil like mixture it can now be easily transported. However the dosage depends on the absorption of the concrete pump and pipeline. If the absorption is more the customer has every right to use more packs but the dilution ratio has to be ensured first.

STORAGE :

Keep in a cool and dry place and never expose in direct sun. Always keep the lid tight after use.

HEALTH & SAFETY :

No potential health hazard for normal dosage. However, never consume or inhale the material. Immediately rinse the body parts as well as clothes with fresh water.

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IMPORTANT :

Although the basic formulation of our products generally remains unchanged production refinements arising from continuing research and evaluation program may occasionally result in marginal changes in properties. **POLYGON CHEMICALS PVT. LTD.** holds no warranty, responsibility or reliance for wrong usage of product without consulting our technical team.

CONSISTENCY :

VITCON 9016 EC EZY-CRETE is formulated from carefully selected raw materials and is manufactured under control conditions to produce a consistent product.

HANDLING :

VITCON 9016 EC EZY-CRETE is formulated from chemicals, which present no fire or health hazards.

NOTE : Though the product may change with some code as suffix or addendum to the principal or original name out of some minor adjustment and fine tuning in the formulation due to our continuous research and development but shall exhibit the stated properties with more improvement.