

PC Pump Easy



Friction reducing additive for easy pumping of concrete

Product Overview

PC Pump Easy is a universal concrete additive which is used to improve the pumpability of difficult concrete mixes and prevent excessive wear of pumps and pipes.

Areas of applications

PC Pump Easy is used in all such construction sites where concrete is pumped to long distances horizontally or vertically.

Properties

1. PC Pump Easy significantly increases the internal cohesion, plasticity, workability and flexibility of concrete .
2. It allows the concrete to flow easily, thereby increasing the pump efficiency and reducing the friction in the pipelines.
3. It doesn't influence mixed design concrete properties.
4. It also neutral to steel structures and concrete after setting.

Guidelines for Usage

1. Mixing : PC Pump Easy should be directly added to mixing water at RMC. Mix the entire mixture for 2 minutes to achieve desired pumpable consistency.

PC Pump Easy slightly increases the viscosity of the concrete mix. It is always recommended to conduct trials before actual mixing. It can also be

used in conjunction with other concrete superplasticizers to produce high quality concrete.

Dosage and measures

1. 200 - 400 g /100 kg of cement to increase cohesion of difficult concrete mixes
2. 500 - 1000 g /100 kg of cement to reduce concrete pump pressure or to compensate for low cement, or low fines content.
3. Typical dosage rates vary from 1 - 2 kg/m³ of concrete

Packages available

PC Pump Easy is available in 25 kg carboys.

Storage and Shelf life

PC Pump Easy should be stored away from direct sunlight and heat. It has 12 months shelf life when stored in original, dry and unopened packs.

Safety Measures

PC Pump Easy must be stored in cool and dry place. Proper safety precautions and tools must be taken into consideration, i.e. wearing safety gloves, safety goggles, safety apron and nose masks, etc. Treat splashes to eyes and skin immediately. Reseal containers immediately

after use. For further related to application and safety precautions, please contact Mcrete technical representative.

Technical data

Aspect	Light green viscous liquid
Density	1.01 g/cc
pH value	8 - 10
Chloride ion content	NA
Effect on setting time	Nil
Triethanolamine (TEA) content	> 0.025% by mass of binder
Compatibility	Compatible with all kinds of portland cements and waterproofing admixtures (add separately; don't premix)

For further clarifications Please contact on below address

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