



KEM PUMP PRIME SL

Concrete Pump Primer

Ref. CA/OA-V1-0812

Description

When cement or mortar is used for lubrication of pump-car piping at the early stage of concrete casting, letting it flow into a structure can bring about structural problems such as the deterioration of strength or if otherwise scraped, it can lead to an environmental problem. Moreover, the mortar mixed into concrete may adversely affect the quality of the concrete.

However, our concrete pump primer, KEM PUMP PRIME SL, will help you solve those problems innovatively and produce higher-quality concrete structures.

Uses

- Required amount of KEM PUMP PRIME SL solution depends on the boom length of the pump car, and pump type (rpm), kind of ready-mixed concrete, temperature during casting, and the pump car operator's level of experience.
- For a pump car with 5-inch piping:
 - If the boom length of the pump car is 150 feet (approx. 45 meters) or less, required quantity is one 20-liter bowl of solution from one pack of KEM PUMP PRIME SL.
 - If the boom length is more than 150 feet (approx. 45 meters), required quantity is two 20-liter bowls of solution from two packs of KEM PUMP PRIME SL.
- While casting ready-mixed concrete, the higher temperature is, the more solution of KEM PUMP PRIME SL you need.

Advantages

- It provides an efficient alternative to the ready-mixed mortar or bagged cement products that are used for lubrication of pump-car piping at the early stage of ready-mixed concrete casting.

- Put in a 250g weighing vinyl pack, the product is easy to handle and readily applicable into a pump car or pumping equipment.
- It does not affect the quality of concrete and is an environment friendly product that you don't have to dispose of as waste mortar later.
- Abrasion of piping can be minimized as the product helps reduce friction and pressure in pipes of pumping equipment.

Direction for use

Put one pack (250g) of KEM PUMP PRIME SL in a 20 liter bowl and pour water into the bowl.

Stir well the mixture with a stick until KEM PUMP PRIME SL powder is completely dissolved.

After 3 or 5 minutes, you will find a thick, pasty solution status of KEM PUMP PRIME SL.

Please note that if there is any mass of powder remaining in the solution, it may result in the abnormal setting of concrete.

Pour the KEM PUMP PRIME SL solution through the inlet of a concrete pump car.

If water remains in the pump car, discharge the water out before you pour KEM PUMP PRIME SL solution.

Push the solution into the pump by giving two or three strokes in the hopper.

Load concrete into the hopper of the concrete pump car, for the pump car to start conveying the concrete.

While loading ready-mixed concrete slowly into the pump-car hopper, operate the pump car for the KEM PUMP PRIME SL solution to flow first into its cylinder.

Disposal of discharged water after the use of KEM PUMP PRIME SL solution, use a bowl to throw away the water discharged early in the process.

If it is impossible to remove the discharged water in that way, discharge it to the slab, not the wall.

Packaging

250g per pack,

50 packs per plastic pail



Storage and Shelf life

Storage: Store in a shade below 35⁰C. Keep the product in a cool and well-ventilated area, away from high temperature and divert source of ignition.

Shelf Life: Shelf life is 1 year in original packaging when stored in above condition.

Technical Service

Chembond has established itself in various fields on the basis of its dependable technical service. For this purpose, we maintain a well equipped laboratory for research & quality assurance of all products. Our experienced personnel are always on call and would always be available for product demonstrations and product performance monitoring.

Safety precautions

- Avoid getting product into eyes or on skin. If this occurs, wash thoroughly with running water and seek medical attention.
- In the event of inhalation, Shift to well ventilated area and immediately seeks medical attention.
- In the event of accident ingestion, do not induce vomiting instead, drink a lot of water and seek medical attention.

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