

k-BP02

Cement Saving Admixture for GRC and Concrete (Block & Inter-lock)

Description:

k-BP02 is a water reducing admixture designed for the production of block industry. It can reduce the material cost by reduction in cement content without loss in strength.

Advantages:

- Increase early and compressive strength with normal setting.
- Yield and Density maintained with low cement content, compare to control mix. Lower permeability
- Excellent handling properties
- Increased productivity, resulting in reduced labor costs

Uses:

- to reduce material cost in block industries, semidry concrete manufacture without loss of product properties and performance.
- Allows good compressive strength without addition extra cement

Properties:

Appearance	: Brown liquid
Specific gravity	:1.02 + 0.02 @ 25 °C
Ph	:6.0 + 1.0
Chloride content	: Nil to BS 5075

Standards:

k-BP02 complies with ASTM C 494 Type A&F

Dosage:

Dosage rates vary depending upon the amount of plasticity and/or water reduction desired. Recommended dosage range from 0.20 to 1.5 litres per 100 kg of cement weight. Other dosages may be recommended in special cases according to the specific site conditions. It is highly recommended that trial mixes be prepared to determine the optimum dosage for your specific performance requirements

Mixing:

k-BP02 is a ready to use liquid admixture to be added to the concrete as a separate component. PC 100 is poured into the concrete mix right after the addition of at least 80% of mixing water, when all materials are wetted. Avoid adding the admixture to the dry aggregates.

Over dosage may cause delay in the setting time and bleeding problems.

Compatibility:

k-BP02 PC 100 is compatible with all types of cements and cement replacements, such as microsilica, fly ash and GGBS. However, PC 100 is not compatible and should not be used in combination with any Kenal range of naphthalene based superplasticisers.

Storage:

k-BP02 to dry aggregate or cement is not recommended. Up to 2 years in unopened original packing, protected from extremes of heat and cold and stored under shade.

Precautions:

k-BP02 is not a fire or health hazard. Spillages should be washed down immediately with cold water. For further information, refer to the Material Safety Data Sheet.