



KEMFLOW P-P 2010

HRWR and set retarding concrete additive

Description

KEMFLOW P-P2010 is a powder form additives (highly effective super plasticizer with a set-retarding and pozzolans ingredients) for producing free-flowing concrete in hot climates. It is also a substantial water reducing agent for promoting high early and ultimate strengths. Complies with A.S.T.M. C-494 Type G.

Where to use

- KEMFLOW P-P2010 is used wherever high quality concrete is required under difficult placing and climatic conditions.
- KEMFLOW P-P2010 should be added to concrete mixture during adding final water

Advantages

KEMFLOW P-P 2010 provides the following advantages :

Super-plasticizer effect :

- Substantial improvement in workability without increased water or the risk of segregation.
- Long-lasting control of slump loss.
- No adverse effect on ultimate strengths.

Water reducer effect :

- Used as a high water reducing agent leading to high early strength
- Up to 15%-20 water reduction.
- Especially suitable for hot climate, no excessive air-entrainment.
- No adverse shrinkage effect.
- Improved surface finish.

Cement replacement effect:

Kemflow P-P2010 act as cement replacement reducer up to 50 kg of cement /1 cubic meter of concrete.

How to use

Dosage :

50 kg Kemflow P-P 2010 to 300 kg of cement (1:6 by weight)

Exact dosage rates are dependent on the type of effect sought, quality of cement and aggregates, water/cement ratio and ambient temperature. Therefore, it is advisable to carry out trial mixes.

KEMFLOW P-P2010 is compatible with all types of Portland cement, including S.R.C.

Direction for Use:

- KEMFLOW P-P2010 must be added during discharging the water to concrete mixture.
- When accidental overdosing occurs, the set retarding effect increases. During this period the concrete must be kept moist in order to prevent premature drying out.

Packaging:

Available in 50 kg. Bags.

Storage:

12 months when stored in accordance with manufacturer instructions.

Health and Safety

- KEMFLOW P-P 2010 is non-toxic. Any splashes to the skin or eyes should be washed immediately with water and medical advice should be sought.

Additional Information

PROKEM provides the construction industry with a comprehensive range of construction chemicals and specialty products answering the queries of modern engineers for trouble free durable structure. PROKEM designs tailor made products should there be critical application that requires specific properties rather than our main range. For our customer's satisfaction, PROKEM extends technical services to include after sales support to assist users in a proper handling of our products.



Technical Data

Base	Blended of synthatics and pozzolans additives
Color & form	Gray powder
Chloride Content	Nil