

Product Data Sheet
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Identification No. CA - 1



KEMFLOW XR

Water reducing and retarding concrete admixture

Description

KEMFLOW XR is used as a concrete plasticizer and retarder where high quality concrete is required in difficult climatic conditions
B.S. 5075 Part 1 1983 ASTM C 494 Type A & D

Where to use

KEMFLOW XR is recommended for :

- Workability especially where difficult placing conditions are encountered and to obtain dense concrete.
- A set retarding agent to maintain workability and extend the time allowed for pouring and compacting, particularly in hot weather.
- Decrease a concrete permeability.
- For slip-forming concreting.
- KEMFLOW XR should be added to the mixing water and never add to the dry aggregate or cement. The plasticizing effect and water reduction is higher if the admixture is added to the concrete after the addition of 60-75% of the mixing water has been added.

Advantages

KEMFLOW X R provides the following properties :

- Reduced water without loss of workability.
- Increased setting times at elevated temperatures.
- Control of slump loss at high temperature.
- Chloride free.

Technical data

Type	Special organic agents
Color	Brown
Specific gravity	1.14 ± 0.005
Chloride content	Nil

How to use

Dosage:

0.2 – 0.8 % by weight of cement. in many cases it is advisable to carry out trial mixes. KEMFLOW XR is compatible with all types of Portland Cement including S.R.C...
Accidental over dosing of KEMFLOW XR will cause extended delay in the initial set, however, no excessive amounts of air will be entrained.

Direction for Use:

KEMFLOW XR should be added to the gauged water, but never to the dry aggregate or cement. Reduction of water is higher if the admixture is added to the concrete after 60-75% of the mixing water has been added.

Packaging:

Available in 25 kg. pails or 220 kg. drums.

Storage:

Up to two years when stored in accordance with manufacturer instructions

Health and Safety

- Use gloves to avoid contact with skin.
- If skin comes in contact, wash immediately with soap and water.
- Do not use solvents.
- Eye contamination must be immediately washed with water, then seek medical treatment.

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.