

Product Data Sheet
Edition 07.2014
Identification No. CA - 6



KEMFLOW SUPER M

Melamine Sulphonated Based HRWR/ Superplasticizer Admixture.

Description

It is a melamine sulphonate based superplasticizer that reduce W/C Ratio of concrete and improves early & final strength .

It complies with ASTM C 494 type C&E and F

Where to use

- * Cold Weather conditions.
- * Prestressed concrete with low W/C ratio.
- * Colored precast concrete.
- * Precast & prefabricated concrete.

Advantages

- Increase early and final strengths.
- Reduce demolding time.
- Reduce bleeding and segregation.
- Improves other mechanical properties as wear and flexural strength.
- Enables setting with less vibration and produce high early strength.
- Improves impermeability and durability.

Properties

Base	Melamine sulphonate based
Solid Content	
Color	Yellowish transparent
Density	1.165±0.01
Chloride content	<0.1%

How to use

- Mixing of cement, micro silica or fly-ash and aggregate until a homogeneous mix is obtained .
- Add 50-70 % of the water .
- Add the material to the mixture with the remaining water.
- Mix for one minute.

- The material can be used with all types of cement .
- It can be used with with an entraining agents in cold weather, also it can be used with synthetic or steel fibers to prevent shrinkage cracks.
- The material must not be added directly to the dry mixture.

Theoretical Dosage rate:

1-2% of cement weight .

The dosage must be determined by lab. and site experiments.

Packaging :

Available in 25 kg. pails or 220 kg. drums. and tanks 1000 kg.

Shelf Life & Storage:

One year in its original unopened packs stored in appropriate conditions .

Health and Safety

- Use gloves and a breathing mask when applying.
- Apply forced ventilation in confined spaces.
- Skin splashes to be removed with hand cleanser, soap and water.
- Eye splashes to be removed with plenty of water.
- If ingested seek medical advice

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.

