

Kemflow super M

Sulphonated Melamine Base HRWR/ Superplasticizer Admixture

Description	It is a Sulphonated melamine based superplasticizer that reduce W/C Ratio of concrete and improves early and final strength. It complies with ASTM C 494 type C&E and F.
Where to use	Cold weather conditions. Pre-stressed concrete with low W/C ratio. Colored precast concrete. Precast and 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	Sulphonated Melamine
Solid content	40%
Color	Yellowish transparent
Density	1.165 ±0.01
Chloride content	< 0.1 %
Mixing	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 an entraining agent 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	1 - 2 % of cement weight. The dosage must be determined by lab. and site experiments.
Packaging	25 Kg Pails 220 Kg Drums 1000 Kg Tanks
Shelf Life & Storage	One year in its original unopened packs stored in suitable 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 reserves the right to change the properties of its products. All orders are accepted subject to our current term of sale & delivery. Users must always refer to the most recent issue of the local product data sheet for the product concerned, copies of which will be supplied on request. PROKEM extends technical services to include after sales support to assist users in a proper handling of our products.