



KEM SUPLAST TB 101 S

Super Plasticizer for Structural Concrete

DESCRIPTION:

Kem Suplast TB 101 S is a high range water reducing, slump retaining admixture for rheoplastic concrete. The higher slump retention and pumping capacity of TB 101 S makes the product best suited for structural concrete, ready mix concrete industry, where there is a delay in transportation and placing with high ambient temperature.

PRODUCT SPECIFICATION / COMPLIANCES:

Kem Suplast TB 101 S meets/exceeds the requirements as per IS-9103 and ASTM – C494 , Type-G

Type:	: Modified sulphonated naphthalene formaldehyde with selected water soluble co-polymers.
Colour	: Dark Brown
Specific gravity	: 1.20±0.02
pH	: 7 – 8
Chloride content	: <0.05%
Shelf life	: 12 months in the original un-opened packing.
Storage	: Keep away from direct sunlight and extreme heat.

PRIMARY APPLICATIONS:

- Reinforce concrete
- High strength concrete
- Pre-stressed concrete work
- Water tight concrete

PRODUCT FEATURES:

- Produces flowing concrete with controlled delay of slump loss and workability.
 - Suitable to produce pumpable concrete.
 - Suitable to produce concrete containing cement replacing pozzolonans like micro silica (silicafume), slag (GGBFS) and fly ash (PFA).
 - Effective concreting in hot climate.
 - Greatly reduces water requirement upto 25%.
 - Reduces segregation and bleeding in plastic concrete
 - Reduces cracking and permeability in hardened concrete.
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TECHNICAL DATA SHEET

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DOSAGE: 0.5 – 2.0% by weight of cement. Dosage can also further be increased upto 3.5% at extremely hot weather conditions. To determine the optimum dosage lab trials are recommended.

TECHNICAL SERVICE:

Chembond has established itself in various fields on the basis of its dependable technical service. For this purpose, we maintain a well equipped laboratory for research & quality assurance of all products. Our experienced personnel are always on call and would always be available for product demonstrations and product performance monitoring.

SAFETY PRECAUTIONS:

KEM SUPLAST TB 101 S is non toxic and non-flammable. However, any splashes on the human body must be washed with plenty of water.

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