



## TECHNICAL DATA SHEET

# KEM SUPLAST TB 101

## Super Plasticizer for Concrete

### DESCRIPTION:

Kem Suplast TB 101 is a water reducing and retarding type concrete admixture. Kem Suplast TB 101 is based on water soluble polycondensates and selected polymers enabling optimum concrete mix performance

### PRODUCT SPECIFICATION / COMPLIANCES:

Kem Suplast TB 101 meets/exceeds the requirements as per IS 9103 and ASTM – C494 Type-A, B & D

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

### PRODUCT FEATURES:

#### In Plastic Concrete

- Improves workability, finishability and setting time
- Reduces water requirement, bleeding and segregation.

#### In Hardened Concrete

- Increases all strength
- Improves finished appearance
- Reduces cracking and permeability.

### DOSAGE:

0.3 – 1.8% by weight of cement or cementitious materials and at extreme hot climate dosage can be further increased upto 3%. To determine the optimum dosage lab trials are recommended



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### 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 L 10 is non toxic and non-flammable. However, any splashes on the human body must be washed with plenty of water.

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