



## TECHNICAL DATA SHEET

# KEM SUPLAST TB 101 G

## Super Plasticizer for Concrete

### DESCRIPTION:

Kem Suplast TB 101 G is a high range water reducing and retarding type admixture, specially formulated to meet the requirements in Pavement Quality Concrete (PQC) production for highway projects.

### PRODUCT SPECIFICATION / COMPLIANCES:

Kem Suplast TB 101 G 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:

- Pavement Quality Concrete (PQC)
- Reinforced concrete
- High strength concrete
- Pre-stressed concrete work

### PRODUCT FEATURES:

- Substantial improvements in workability without increased water requirement.
- Effective for concreting in hot weather.
- Suitable to produce concrete containing cement replacing pozzolonans like micro silica (silicafume), slag (GGBFS) and fly ash (PFA).
- Reduce segregation and bleeding in plastic concrete.
- Reduce cracking and permeability in hardened concrete.



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**DOSAGE:** 0.5 – 2.2% by weight of cement or cementitious material. 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 G is non toxic and non-flammable. However, any splashes on the human body must be washed with plenty of water.

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