



TECHNICAL DATA SHEET

KEM SUPLAST VISCON

Super Plasticizer cum Stabilizer

DESCRIPTION:

Kem Suplast Viscon is a high performance super plasticizer or high range water reducer with a viscosity modifying stabilizer which imparts a stabilizing effect on concrete. Kem Suplast Viscon stabilizes and increases the Rheologic properties of concrete like; workability, pump ability and placeability. It is highly useful in the production of Self-Levelling Concrete / Rheo Plastic Concrete – is a fluid, cohesive mix but at the same time free from segregation with normal setting time and increased compressive strength.

PRODUCT SPECIFICATION / COMPLIANCES:

Kem Suplast Viscon meets/exceeds the requirements as per IS-9103 and ASTM – C494 , Type- A & F

Type: : Melamine Polymer

Colour : Clear Liquid

Specific gravity : 1.13±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:

- Highly workable, flowing concrete.
- To produce high early and ultimate strength concrete.
- Pre-cast concrete
- Pavement Quality Concrete (PQC) for Highways.
- Concrete with white cement – because its translucent colour

PRODUCT FEATURES:

- Suitable for production of concrete with high flow or self-levelling properties, when there is a high demand for pump ability without segregation or when there is low level filler material.
- Makes casting easier and gives a good finish of the concrete where it is difficult to obtain such as with congested formwork.
- Suitable to produce concrete containing cement replacing pozzolonans like micro silica (silicafume), slag (GGBFS) and fly ash (PFA).
- Improves workability of harsh mix and minimizes bleeding and segregation with improved stability of the mix.



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DOSAGE:

Vary between 0.6 % - 3.5% by weight of cement and Pozzolana content as per the requirement and applications. For the production of normal concrete dosage is 0.9% and for flowing concrete 2.0%. To determine the optimum dosage lab trials are recommended. The full stabilizing effect of Kem Suplast Viscon is obtained 25 minutes after the mixing time.

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

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