



VITCON 9002 PSC

Superplasticiser for Prestressed Concrete

DESCRIPTION

VITCON 9002 PSC is a modified polycondensate of Sulphonated Naphthalene Formaldehyde, Sulphonated Melamine Formaldehyde and viscosity modifiers. Its special formula helps in dispersing hydrated cement particles in a rich cement mix with very low water content. This property makes the product highly suitable for placing concrete with dense reinforcements in pre-stressed concrete structures. **VITCON 9002 PSC** conforms to ASTM C 494 type F and IS 9103 – 2003.

ADVANTAGES

- Produces high workable mix with low water water.
- Helps to place concrete inside congested reinforcement.
- Achieves high early as well as ultimate strength.
- Increases productivity.
- Makes the concrete more dense – reduces permeability.

USAGE

VITCON 9002 PSC is generally dosed in the range of 0.5 to 3% by weight of cement. The dosage can be enhanced to further 3.5% at higher temperature. But it is always advisory to go for trial mix to determine the optimum dosage. The requisite quantity of **VITCON 9002 PSC** is generally added to the concrete with gauging water.



APPLICATION

Addition of **VITCON 9002 PSC** helps to reduce total water demand for concrete enhancing ultimate strength. **VITCON 9002 PSC** also imparts high cement dispersion in concrete mix achieving a free flow consistency. Cement content of the concrete can also be economized with **VITCON 9002 PSC**.

SPECIFICATIONS

Appearance	: Light Brown Liquid
Sp. Gravity	: 1.21± 0.02
pH Value	: 7 ± 1
Chloride content	: Nil
Air content	: < 1%
Shelf life	: 12 months
Storage	: Under shade

PACKAGING

VITCON 9002 PSC is available in 250 Kg. Drums.

SAFETY

VITCON 9002 PSC is non-toxic, non-flammable and non hazardous. However, any splash on the human body should be washed out immediately with plenty of water.