



VITCON 9001 SPQ

High Grade Concrete Superplasticiser

DESCRIPTION

VITCON 9001 SPQ is a high range dark brown coloured concrete superplasticiser, conforming to the specifications of ASTM C 494 type G and IS 9103-2003. **VITCON 9001 SPQ**, based on Sulphonated Naphthalene Formaldehyde and selective dispersant polymers, is specifically formulated for pavement concrete applications. **VITCON 9001 SPQ** induces a strong dispersion property to modify the rheology of concrete mixes with minimum cement and fines content.

ADVANTAGES

- ✓ Enhances workability with reduced water content.
- ✓ Helps to achieve a cohesive and homogeneous concrete.
- ✓ Stabilizes concrete mixes with low fines content.
- ✓ Increases ultimate strength with maximum water retention.
- ✓ Compatible with all types of cement.

USAGE

VITCON 9001 SPQ is generally dosed in the range of 0.3 to 2.5% 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 9001 SPQ** is generally added to the concrete with gauging water.



APPLICATION

Addition of **VITCON 9001 SPQ** reduces total water demand in concrete mix enabling to achieve high ultimate strength. **VITCON 9001 SPQ** also imparts a strong dispersing effect without any segregation or bleeding. The controlled extension of concrete setting time also minimizes the cold joint formation and reduces plastic shrinkage cracks during continuous pouring. Cement content of the concrete can also be economized with **VITCON 9001 SPQ** due to its high cement dispersion property.

SPECIFICATIONS

Appearance	: Dark Brown Liquid
Sp. Gravity	: 1.20± 0.02
pH Value	: 7 ± 1
Chloride content	: Nil
Air content	: < 1%
Shelf life	: 12 months
Storage	: Under shade

PACKAGING

VITCON 9001 SPQ is available in 250 Kg. Drums.

SAFETY

VITCON 9001 SPQ is non-toxic, non-flammable and non hazardous. However, any splash on the human body should be washed out immediately with plenty of water.