



VITCON 9001 HG-CI5(WATERPROOFING COMPOUNDS)

Corrosion Inhibitor cum Concrete Superplasticiser

DESCRIPTION

VITCON 9001 HG-CI5 is a high-grade brown coloured concrete superplasticiser, conforming to the specifications of ASTM C 494 type G and IS 9103-2003. **VITCON 9001 HG-CI5** is specifically formulated on Sulphonated Naphthalene Formaldehyde with built in Corrosion Inhibitor for high performance concrete at severe weather and exposure conditions.

ADVANTAGES

- ✓ Corrosion inhibition formula resists chloride attack.
- ✓ Enhances slump retention.
- ✓ Helps to achieve pumping concrete.
- ✓ Increases ultimate strength with maximum water retention.
- ✓ Compatible with all types of cement.
- ✓ Enables to place concrete in marine atmospheres.

USAGE

VITCON 9001 HG-CI5 is generally dosed in the range of 0.5 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 HG-CI5** is generally added to the concrete with gauging water.

APPLICATION

VITCON 9001 HG-CI5 reduces total water demand in concrete mix enabling to achieve high ultimate strength. With the addition of **VITCON 9001 HG-CI5**, the concrete shows a strong dispersing effect and achieves a flowable consistency. The controlled extension of concrete setting time also minimizes the cold joint formation. Cement content of the concrete can also be economized with **VITCON 9001 HG-CI5** due to its high cement dispersion property.



SPECIFICATIONS

Appearance	: Dark Brown Liquid
Sp. Gravity	: 1.22± 0.02
pH Value	: 7 ± 1
Chloride content	: Nil
Air content	: < 1%
Shelf life	: 12 months
Storage	: Under shade

PACKAGING

VITCON 9001 HG-CI5 is available in 250 Kg. Drums.

SAFETY

VITCON 9001 HG-CI5 is non-toxic, non-flammable and non hazardous. However, any splash on the human body should be washed out immediately with plenty of water.