



## **VITCON 9004**

### **Accelerating Concrete Additive**

#### **DESCRIPTION**

**VITCON 9004** is a clear chloride free accelerating admixture for concrete and mortar mixes. VITCON 9004 also acts as a water-reducing admixture to enhance significant increase in strength, both in early and ultimate stage. **VITCON 9004** is based on selective polymers and is dispersed thoroughly with Portland cement particles in concrete. **VITCON 9004** conforms to ASTM C 494 Type C and BS 5075 Part 1.

#### **ADVANTAGES**

- ✓ Accelerates the setting process.
- ✓ Improves early and ultimate strength of concrete.
- ✓ No chloride additive – can be used safely in RCC and PSC.
- ✓ Enhances productivity in precast industries.
- ✓ Reduces permeability of concrete against water migration.
- ✓ Compatible with all types of cement like OPC, PPC, PSC and SRC except High Alumina Cement.
- ✓ Can also be used for Cement – Fly Ash mixes.

#### **DOSAGE**

**VITCON 9004** is normally recommended for a dose of 1 to 1.5 Kg per 50kg of cement depending on the uses required. But the optimum dose can be obtained by conducting site trials with particular concrete / mortar mix.

It is always recommended for a maximum dispersion in the concrete mix the measured quantity of VITCON 9004 should be added with mixing water.

It is also advised not to overdose in the mix. This may result in faster initial acceleration process, without any hamper to ultimate strength to the cured structures.

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## **TECHNICAL DATA**

Appearance	: Clear liquid
Specific gravity	: 1.14 ± 0.02
Chloride content	: Nil
pH value	: 7.5 ± 1
Shelf life	: 12 months
Storage conditions	: Under shade

## **PACKAGING**

**VITCON 9004** is available in 30 / 50 / 250 Kg. Drums.

## **SAFETY**

**VITCON 9004** is non-toxic, non-flammable and non hazardous. However, any splash on the human body should be washed out immediately with plenty of water.