



## **VITCON 9001 PA**

High Range Water Reducing Powder Admixture

### **DESCRIPTION**

VITCON 9001 PA is a high range water reducing powder admixture formulated specially to extend the working time of concrete. It is based on Sulphonated Napthalene Formaldehyde. VITCON 9001 PA conforms to specification prescribed in IS 9103 - 1999 & ASTM C 494, Type G .

### **TECHNICAL DATA**

Form	Powder
Colour	Brown Grey
Bulk Density, g/cc	0.54 – 0.58
Chloride Content	<0.2%

### **USAGE**

VITCON 9001 PA is a unique multipurpose high range water reducer that is particularly suitable for the production of ready mixed concrete. Additionally it provides high water reduction and improved fresh concrete characteristics.

VITCON 9001PA is used for the following applications:

- High performance concrete
- Ready mix concrete
- Flowing concrete
- Heavily reinforced concrete
- Pumpable concrete

### **ADVANTAGES**

- Produces flowing concrete with controlled delay of slumps loss and workability
- Reduces cracking and permeability of hardened concrete
- Reduces segregation and bleeding in the plastic concrete
- Significantly reduces concrete placement time and cost



## **APPLICATION**

Add VITCON 9001 PA to dry mix containing cement and aggregate as per grading.

Add water to obtain the required slump and mix for three minutes. During the flowing period the concrete will exert a higher pressure at the base of the form than conventional concrete. Form work for slabs is the same as for conventional concrete.

Compatible with all types of cement.

## **DOSAGE**

Generally 0.4 – 2.5 % by weight of cement. Do not allow over dosing. Due to overdosing setting time will be extended rigorously. It is advisable to carry out a trial to establish the exact & optimal dosage rate depending upon set retardation required.

## **HEALTH & SAFETY**

- VITCON 9001 PA is non toxic, non flammable and non hazardous.
- Any splashes on the skin should be washed immediately with water.
- Splashes on the eyes should be washed immediately with water and seek medical advice.

## **PACKAGING**

Available 25 kg bags

## **STORAGE**

Must be stored in original packaging, in ambient temperature, dry place under shed. The bags must be protect from direct sunlight.

## **SHELF LIFE**

12 months in original sealed condition under appropriate storing conditions.