



# ***VITCON 9014 BLOKMIX***

## ***Block Additive***

### **DESCRIPTION**

**VITCON 9014 BLOKMIX** is a brown liquid concrete additive conforming to ASTM C 494 type A and IS 9103 - 1999 specification. When added to concrete block mix, **VITCON 9014 BLOKMIX** shows a strong dispersion property resulting to a highly workable system at a lower W/C ratio. Its special biocide formula also reduces any bio mass growth in the block.

### **ADVANTAGES**

- ✓ Enables to achieve a workable concrete at low W/C ratio.
- ✓ Reduces total water demand in concrete resulting in higher strength.
- ✓ Reduces permeability of the concrete appreciably.
- ✓ Reduces segregation and bleeding.
- ✓ Helps to achieve an economic cohesive mix at low cement content.
- ✓ Reduces bio mass growth in wet condition.

### **SPECIFICATIONS**

Appearance	: Brown liquid
Sp. Gravity	: 1.15 ± 0.02
pH Value	: 7 ± 1
Chloride content	: Nil
Air content	: < 1%
Shelf life	: 12 months
Storage	: Under shade

### **USAGE**

**VITCON 9014 BLOKMIX** is normally dosed in the range of 0.3% to 1% by weight of cement depending upon the designed water content and consistency as required. The trial design mixes are advisable to optimize the dosage.

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## **APPLICATIONS**

**VITCON 9014 BLOKMIX** is added to the concrete mix, it results in increase in workability and reduction in total water demand in concrete. **VITCON 9014 BLOKMIX** is also effective to reduce permeability of concrete lowering its capillary action.

**VITCON 9014 BLOKMIX** is specifically formulated for making paving blocks and interlocking bricks for pavement construction.

## **PACKAGING**

**VITCON 9014 BLOKMIX** is available in 35 / 100 / 200 Kg. Drums.

## **SAFETY**

**VITCON 9014 BLOKMIX** is non-toxic and non-flammable. However, any splash on the human body must be washed with plenty of water.