



VITCON 9012 WR

Concrete Plasticiser

DESCRIPTION

VITCON 9012 WR is synthetically made dark brown liquid concrete admixture conforming to ASTM C 494 type A and IS 9103 - 1999 specification. **VITCON 9012 WR** shows a strong dispersion property as soon as it is added into the concrete mix resulting to a highly workable concrete at a lower W/C ratio. Its special biocide formula also reduces any bio mass growth in the concrete.

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.

SPECIFICATIONS

Appearance	: Brown liquid
Sp. Gravity	: 1.18 ± 0.02
pH Value	: 7 ± 1
Chloride content	: Nil
Air content	: < 1%
Shelf life	: 12 months
Storage	: Under shade

USAGE

VITCON 9012 WR is normally dosed in the range of 0.3% to 1.5% by weight of cement depending upon the designed water content and workability as required. The trial design mixes are advisable to optimize the dosage.



APPLICATIONS

As **VITCON 9012 WR** is added to the concrete mix, it results in increase in workability and reduction in total water demand in concrete. **VITCON 9012 WR** is also effective to reduce permeability of concrete lowering its capillary action.

VITCON 9012 WR can be used for making any structural concrete like concrete floors, walls or mass concrete.

PACKAGING

VITCON 9012 WR is available in 35 / 100 / 200 Kg. Drums.

SAFETY

VITCON 9012 WR is non-toxic and non-flammable. However, any splash on the human body must be washed with plenty of water.