



VITCON 9012 R

Set Retarding Admixture

DESCRIPTION

VITCON 9012 R is a set retarding admixture for concrete. It is used for increasing working time higher durability, reducing shrinkage and permeability of concrete.

VITCON 9012 R conforms to specification prescribed in IS 9103 - 1999 & ASTM C 494, Type B .

TECHNICAL DATA

Colour	Amber Brown
Form	Liquid
Specific Gravity	1.18 ± 0.02
Chloride Content	< 0.2%

APPLICATION

- Structural concrete
- Long transport distance
- Bridge decks
- Warm weather applications
- Light weight concrete
- Highway concrete
- Mass concrete

ADVANTAGES

- Provides easier handling and finishing.
- Elimination of cold joints between subsequent pours in mass or structural concrete.
- Aids in placing bridge deck concrete where it is desirable to stress the entire section prior to the concrete achieving initial set.
- Increases durability.
- Reduces shrinkage and permeability.
- Long lasting control of slump loss at high concrete temperature.
- Enable transport of concrete to distant places.



APPLICATION METHODOLOGY

- Add VITCON 9012 R to the dosing water. It should not come into contact with dry cement.
- Charge all concrete material in the proper order into the mixer with about 70 % of the mixing water and mix for the three minutes. Add rest quantity of water with admixture to obtain the required slump and mix for three addition minutes.

DOSAGE

Generally 0.8 – 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. VITCON 9012 R is compatible with our VITCON range of superplasticiser, which is added to the concrete for slump.

HEALTH & SAFETY

- VITCON 9012 R 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 20 kg, 250 kg HDPE drums and bulk Tanker

STORAGE

Must be stored in original packing, in ambient temperature, dry place under shed. Protect from direct sunlight.

SHELF LIFE

6 months in original sealed condition under appropriate storing conditions.