

ShaliFoam

Admixture For Foam Concrete



STP Limited

Description

ShaliFoam is a water based chloride free liquid. It is a foam generating and stabilizing admixture for concrete. It provides a heat insulating effect on concrete and reduces the density of concrete.

Characteristics

Colour	Brown	Compressive Strength	2 – 4 Kgf / cm ²
pH	10 - 11	Coefficient of Heat Conductivity,	0.20 – 0.40 K cal / m.h °C

Application

- High lightweight concrete
- Heat insulating material for reinforced concrete floors, partitions etc.
- Structural and heat insulating foam concrete
- Primary cementing of weak formations.
- overcoming lost circulation in cavernous vugs
- Squeeze cementing of deplete zones.

Advantages

- Lowers heat conductivity
- Lowers density
- Reduces the weight of concrete
- Provides insulation.
- Chloride free hence does not corrode the steel reinforcement.

Dosage

600 ml to 1.2 litre per bag of cement depending upon the desirable density of concrete, cement quality, quantity, etc.

Application Methodology

- **ShaliFoam** is a foaming agent which has to be added to cement paste or mortar in special foam – concrete mixer. This mixer consists of three drums housing rotating shafts with blades. The resultant foam concrete has to be directly laid on the application sites

Health & Safety

- **ShaliFoam** is non-toxic.
- 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 immediately.

Packing

Available in 20 kg & 200 kg drum.

Storage

Store in a cool dry place under shed away from heat.

Shelf Life

9 months in original unopened condition.



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