

# 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 <sup>2</sup>
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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