

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	>6	Coefficient of Heat Conductivity	0.10 - 0.38 W / mk

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

900 ml to 1.2 liter 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.
- Avoid contact with skin / eyes and avoid swallowing.
- Ensure adequate ventilation and avoid inhalation of vapour.
- Wear suitable protective clothing, gloves and eye protection.
- In case of skin contact, rinse with plenty of clean water, then cleanse with soap and water. Do not use solvent to clean the contacted area.
- In case of eye contact, wash with plenty of clean water and seek medical advice.
- If swallowed, seek medical attention immediately. Do not induce vomiting.

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.



STP Limited
Enhancing Structures' Life

Product Range

- Waterproofing and Insulation ■ Road Surfacing
- Sealants and Additives ■ Pipeline Coating
- Protective / Anti-Corrosive Coating ■ Epoxy Flooring
- Grouts / Admixtures ■ RestoFix- Repair / Rehabilitation
- Other Construction Chemicals



Advisory Cell: +91 81302 81114