Sakshi Chem Sciences Pvt. Ltd.
Manufacturers of Construction Chemicals

addage®

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TECHNICAL DATA SHEET

ADDAGE FOAMING AGENT

(Synthetic based foaming agent)

PRODUCT DESCRIPTION

ADDAGE CLC - FA Foaming agent is a highly concentrated, protein based, highly efficient liquid which is used in the Production of CLC block. Foaming agent lightweight foamed Concrete. Excellent stability over a wide range of temperature and water quality. Our Protein based CLC foaming agent gives high stability of the foam, successfully with standing the conditions when mixing, conveying (pump-able), pouring, casting and during the setting and hydration process. The foam causes no chemical reaction in the concrete but it acts as a binding for the air entrapped.

PROPERTIES

High efficiency means that a high level of air entrapment.
Excellent strength and thermal insulation properties.
Increases yield of material.
This stability means that the foam bubbles sustain themselves and support the mortar around them.
The bubbles do not burst easily and hence the foamed concrete does not collapse when it is made or after it has been placed.
Our Foaming Agent is ideal for a wide range of applications.

APPLICATION

Use in manufacturing light weight CLC block

TECHNICAL SPECIFICATION

Particulars	Addage CLC FA
Appearance	Colorless liquid
SP. Gravity	1.01 – 1.04
pH at 20c	6. 5 - 7. 5
foaming agent (dry density 750 kg/m3)	1.25 liter (diluted in 40 parts of water) Dilution ratios vary 1:30 to 1: 40.

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ADVANTAGES

When processed through a foam generator, a solution of Addage CLC - FA Foaming Agent in water creates a stiff, white foam with a 20 to 25 times increase in volume and NO foam collapse. The foam can easily be incorporated into any mortar mix Addage CLC - FA Foamed Concrete, even when using cold water.
Addage CLC - FA Foaming Agent may be used with all types of Portland cement and incorporated into cement only, or sand-cement mortar slurries to produce foamed concrete of every and for every application. Its cost as a proportion of the total cost of foamed concrete is tiny, typically only about 1-3%. Addage CLC - FA Foaming Agent is essentially harmless and easily washes off.

DOSAGE

The vast majority of mix designs used for making the various grades of Addage CLC FA Foaming Concrete typically require 0.8 - 1 liters per $1m^3$ of foamed concrete produced.

STORAGE

Keep container close when not in use, handling temperature should not very high, keep container in dry and cool place.

SHELF LIFE
If kept in original undamaged packing Store the material upto 12 months from receipt of delivery.

PACKING
ADDAGE CLC – Foaming Agent available in 50 kg Can & 200 kg Barrel.