



CC FOAMY 100

Air Entraining Agent For Concrete

DESCRIPTION

CC FOAMY 100 is a liquid foaming agent used to produce light weight foam concrete. CC FOAMY 100 should be used with appropriate foam generator to produce consistent Pre-foam which when mixed with cement only or with mortar will produce light weight mixes with densities between 300-1800 kg/ m³.

APPLICATIONS

- Light weight concrete produced with the aid of CC FOAMY 100
- CC FOAMY 100 is typically used in the following applications:
 - Roof thermal insulation.
 - Under-floor heat insulation.
 - Light weight block.
 - Void filling.
 - Trench reinstatement.

METHOD OF USE

An appropriate foam generator should be used to produce a pre-foam by mix feeding FCC FOAMY 100 potable water and compressed air. The pre-foam is then fed into pre-batched cement/water slurry or sand/cement /water mortar and mixed for 3 - 5 minutes to achieve a homogeneous mixture. The liquid foamed concrete is then pumped using a proper screw pump and placed at the required thickness and slopes.

DOSAGE

The guidance dosage of CC FOAMY 100 is 0.8 - 4.0 litres/m³ of foamed concrete. The exact dosage depends upon the required final dry density. The optimum dosage of CC FOAMY 100 to achieve the desired dry density should always determined by site trials.

EFFECTS OF OVER DOSAGE

mixture will lead to a lower densities and reduced compressive strength.

CHARACTERISTICS

Appearance : Pale
Specific Gravity : 1.03 ± 0.02 at 20oC
Freezing Point : 0oC

CLEANING

CC FOAMY 100 can be washed with fresh water.



PACKAGING

CC FOAMY 100 is available in 25 liters pails, 210 Liters.

STORAGE

CC FOAMY 100 shelf life is 12 months if stored at temperatures between 2°C and 50°C. If these conditions are exceeded, CCC Technical Department should be contacted for advice.

ADVANTAGES

- Gives excellent thermal insulation with good compressive strength.
- Excellent foam stability.
- Can be used with all types of cement

COMPATIBILITY

CC FOAMY 100 can be used with all types of Portland cement and cement replacement materials. CC FOAMY 100 is compatible with other CCC admixtures used in the same mortar mix. If more than one type of admixture is to be used in a mortar mix, they must be added to the mortar separately Air Entraining Agent For Concrete

HEALTH AND SAFETY

CC FOAMY 100 is not classified as hazardous material. CC FOAMY 100 should not come into contact with skin and eyes. In case of contact with eyes wash immediately with plenty of water and seek medical advice promptly.

FIRE

CC FOAMY 100 is nonflammable