



MAYOR FOAM CONCRETE

FOAMING AGENT FOR LIGHT WEIGHT CONCRETE

Description

MAYOR FOAM CONCRETE is an efficient low dosage foaming admixture, which is used to produce lightweight cementitious materials (Concrete, Mortar, Cement slurry) for a variety of therm insulation and construction applications.

Mayor Foam Concrete helps to produce a stable aerated mortar, by entrapping air into prepared cement slurry in the shape of discontinued air bubbles to form a cellular structure throughout the mass. The cellular structure significantly reduces the thermal conductivity and density of concrete, resulting in a lower dead load imposed on the structure. It provides excellent resistance to freeze and thaw.

Uses

MAYOR FOAM CONCRETE can be used for the production of low-density foamed mortar and concrete.

- As flat roof therm insulation screeds
- Insulated floor screeds.
- As a backfill concrete.
- Fabrication of light weight beams, blocks and panels.
- Fire barrier.
- Sound insulation of walls and ceilings.
- As encasement concrete.

Advantages

- produced flexible, free flowing ,pumlale conerete
- High efficiency even at low dosage
 - Excellent stability in alkaline conditions
 - It can be used with all types of light weight aggregates to produce very low density concrete mixes.
 - Extremely economical
 - chloride free
 - Air content of mix design when mixing with generation of liquid of Mayor Foam Concrete reach porosity of mixture

Product Data

form brownish yellow liquid
backing 5 liter , drum 200 kg upon request
Storage Condition

18 months from the date of manufacturing when stored in unopened, original sealed and dry condition at a temperature range from 5°C to 35°C



Application Details

Surface preparation

surfaces must be clean ,free from grease , oil and loos particles

METHOD

A mortar of specific composition is delivered to the site in a truck mixer. Using the compact foam generator, the required volume of foam is produced in a short time.

For reducing concrete weight for 4.5 - 10% 7L/m³ of foam concrete is added

DILUTE RATIO

It is recommended to use Mayor Foam Concrete without dilution Or, Mayor Foam Concrete can be diluted with water depending on the use with water in a ratio of 1: 1 or 1: 2 Mayor Foam Concrete: water

SAFETY

Wear hand gloves, safety shoes and safety goggles while using and handling the product.

In case eyes or mouth are affected wash with plenty of clean water and seek medical treatment immediately.

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الإدارة: الخرطوم تقاطع شارع الصحافة زلط مع شارع ١٥
العمارات - عمارة مايور الطابق الأول