

Product Information



PICO FOAMCON

(Foaming agent for making Cellular Concrete)

PRODUCT DESCRIPTION :

PICO FOAMCON is a Foaming (gas forming) agent. It is a chemical admixture based on micro fine metallic powder finely dispersed in an inorganic base. It reacts with the hydroxide produced in the hydration of cement during concrete making to produce minute bubbles of hydrogen gas throughout the matrix and is dependent on the type and amount of metallic powder, its fineness and chemical composition, extent of foam or gas produced in cement, temperature and mix proportion, PICO FOAMCON at low dosage (0.02 to 0.8 per cent by weight of cement) is used for grouting under machine bases, Its use eliminates shrinkage of Plastic Concrete or mortar, eliminates the settlement and accordingly increases the bond to reinforcing bar or machine plate.

PICO FOAMCON is an excellent foaming agent in the production of light weight (Cellular) concrete. Depending on the bulk density of concrete / mortar the dosage varies from 1 to 2 per cent by weight of cement. Site trial is to be made for optimum dosage.

APPLICATION AREAS :

(Low to medium density cellular concrete)

3

Density 350 kg/M³ : Thermal Insulation of floors of buildings, spinning mills, Auditorium, Cinema Hall roofs and walls for thermal as well as sound insulations, Thermal Power Station, etc.

3

Density 600 kg/M³ : Above Cited areas plus floor screeds to accommodate complex pipes and cable joints within the thickness of the floor.

3

Density 1000 kg/M³ : Precast portions wall blocks, light fills of down slabs, corridor etc, subjected to heavy traffic and yet for providing light weight concrete to design.

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