

Product Information



PICO AIR PLUS

(Air Entraining Admixture)

DESCRIPTION :

PICO AIR PLUS is a Lignosulphonate based air entraining admixture containing selected organic surfactants for intentional introduction of controlled amount of tiny air bubbles into a concrete mix. The advantage of air entrainment is to enhance the durability of concrete against cycles of freezing & thawing (frost resistant concrete) inter-alia improvement of cohesion and workability of concrete mixes where poorly graded aggregates have to be used at construction sites.

PICO AIR PLUS is an excellent admixture for mortar plasticizing. It reduces the rebound when dashed against the wall, enables reduction in thickness of plaster and increases productivity of masons.

FEATURES & USES :

- ❖ Increased frost, crack, and deicing salt resistance.
- ❖ Easily workable and durable concrete for Road, runway, apron and hardstanding, dams, reservoirs, Power station and underground water tanks and mass concrete structures.
- ❖ Air entrainment of cement mortar for better flowability, reduces void in the construction of stone masonry.
- ❖ Internally plasticised to maintain strength with water reduction.

DOSAGE :

0.1% to 0.4% by weight of cement.

Exact dosage has to determined by air meter tests on trial mixes at site Laboratory.

OPTIMUM AIR CONTENT :

The recommended air content in a given concrete is the function of the purpose for which the concrete is used, its location, climatic condition, maximum size of aggregates and richness of mix.

In general it ranges from 3-6% in plain concrete and upto 4% in reinforced concrete.

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