

Air-Entraining Admixture

Description

AEA-401 is a high performance, chloride-free water reducing cum air entraining agent for mortars, concrete and lightweight aggregate mixes. The introduction of AEA-401 brings about entrainment of innumerable microscopic air bubbles of suitable size and spacing evenly distributed throughout the matrix.

Uses:

AEA-401 is designed for use in exterior concrete such as highway paving, curb and gutters, sidewalks, driveways, slabs, walls, or other areas needing protection from freeze/thaw damage or the harmful effect of de-icing salts. AEA-401 is effective in increasing the workability of the concrete, especially in lean or harsh mixes.

Advantages

- Superior resistance to freeze/thaw cycles and scaling.
- Improves workability.
- Reduces bleeding.
- Improves appearance of architectural concrete.
- Reduces size and number of capillary channels, increasing impermeability.
- Increased compressive strength in lean mixes.
- Substantially increased durability.
- Increases moisture retention for cement hydration.
- Superior air-void system.

Appearance : Light brown liquid

Chemical Base: Sulphonate

Relative Density : ~1.14 Kg

Packaging: Available In 230 kg Non Returnable Drums.

Storage & Shelf Life

12 months from date of production if stored properly in undamaged unopened, original sealed packaging, in dry conditions at temperatures between +5°C and +25°C. Protect from direct sunlight and frost.

Dosage

The recommended dosage range for AEA-401 is 400 mL/100 kg of cementitious material.

Important Notes

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.

other products categories available