

ProAir 260

AIR ENTRAINING ADMIXTURE FOR CONCRETE

DESCRIPTION:

ProAir 260 is a aqueous solution specially formulated for use as an air entraining admixture for concrete. **ProAir 260** is manufactured under strict quality control standards to insure uniform performance at the job site.

ADVANTAGES:

ProAir 260 introduces millions of uniformly sized and spaced air voids throughout the concrete mixture. Concrete containing these tiny air bubbles has been proven far more resistant to freezing and thawing than plain concrete. **ProAir 260** in hardened concrete reduces permeability and enhances the resistance to surface deterioration caused by de-icing chemicals.

Concrete containing **ProAir 260** requires less water to achieve a given slump. **ProAir 260** can aid in concrete placing and finishing as the entrained air bubbles act as tiny “ball-bearings” to greatly improve the plasticity and workability of the concrete, making it easier to flow into forms or be pumped into place. Concrete mixes designed using **ProAir 260** can result in a reduction of segregation and honeycombing with smoother and more even finished surfaces. Reduced bleeding rate can be expected in air entrained mixes.



USES:

ProAir 260 may be used wherever air entrainment is required by concrete specifications. It is particularly useful in:

- Commercial and residential concrete
- Mass concrete
- Low slump paving mixes
- Mixes with high fly ash contents
- All concrete to be exposed to freezing and thawing conditions
- Concrete exposed to de-icing salts
- Concrete to be mixed for an extended period of time

DOSAGE:

There is no standard addition rate for **ProAir 260**. The amount to be used will vary with local materials and intended concrete performance requirements. Typical **ProAir 260** addition rates range from 0.2 to 3.0 ounces per 100 pounds of cement.

SPECIFICATIONS:

Conforms to ASTM C260
AASHTO M 154; CRD C 13
All other Federal and State specifications

STORAGE:

ProAir 260 should be stored at temperatures above 35 F (2 C) degrees. Although freezing does not harm the performance of **ProAir 260**, precautions should be taken to protect it from freezing. If it should happen to freeze, thaw and reconstitute with mechanical agitation. **Do Not Use Pressurized Air for Agitation.**

COMPATIBILITY:

ProAir 260 is fully effective and compatible in concrete containing all types of portland cement, class C and F fly ash, microsilica, calcium chloride, fibers and approved water-reducing, accelerating and retarding admixtures. **ProAir 260** can be used in all white, colored, and architectural concrete. For best results, the air entrainment should be dispensed separately into the mix with the initial batch water or on damp, fine aggregate.

SHELF LIFE:

Unlimited

PACKAGING:

55-gallon drums and bulk tank truck

TECHNICAL NOTE:

ProAir 260 does not contain calcium chloride or any chloride based components. It will not promote or contribute to corrosion of reinforcing steel in concrete.

A reduced bleeding rate can be expected in air entrained concrete mixes.

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