ConAir®

Air Entraining Admixture for Concrete

DESCRIPTION:

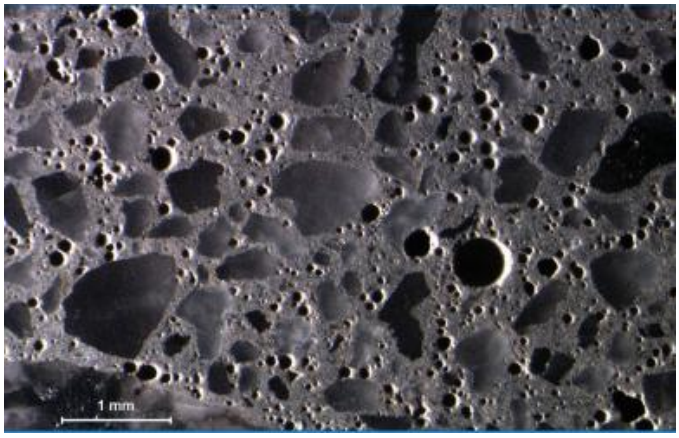
ConAir® is a aqueous solution specially formulated for use as an air entraining admixture for concrete. **ConAir®** is manufactured under strict quality control standards to insure uniform performance at the job site.

ADVANTAGES:

ConAir® 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. **ConAir®** in hardened concrete reduces permeability and enhances the resistance to surface deterioration caused by de-icing chemicals. Concrete containing **ConAir®** requires less water to achieve a given slump. **ConAir®** 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 **ConAir®** 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.

COMPATIBILITY:

ConAir® 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. **ConAir®** 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.



DOSAGE RATE:

There is no standard addition rate for **ConAir®**. The amount to be used will vary with local materials and intended concrete performance requirements. Typical **ConAir®** addition rates range from 0.2 to 3.0 ounces per 100 pounds (13 to 195 mL per kg) of cement.

SPECIFICATIONS:

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

TECHNICAL NOTE:

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

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STORAGE

ConAir® should be stored at temperatures above 35°F (2°C) degrees. Although freezing does not harm the performance of **ConAir®**, 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.**

PACKAGING:

55-gallon drums, 275-gallon totes, and bulk tank truck

Premiere™ Concrete Admixtures

Premiere Concrete Admixtures • P.O. Box 277 • 508 Cedar Street • Pioneer, OH 43554 • (800) 503-3418 • www.premiereadmix.com