LIQUID AIR ENTRAINING ADMIXTURE

Air Entraining Admixture for Concrete and Mortar

Product Description

Akona® Liquid Air Entraining Admixture is a ready to use aqueous solution of special organic materials. Akona® Liquid Air Entraining Admixture entrains a small and stable amount of air into the desired mix. These small, stable air voids enhance the mixture and improve workability. It's chemical composition and physical properties make it ideal for many construction applications. It is intended for use when increased workability and freeze-thaw durability of concrete or mortar is preferred.

When/Where to Use

- Exterior
- Concrete & Cement Mixes
- Masonry Mortars

Advantages

- Improves strength, workability & freeze-thaw resistance
- Improved plasticity, water retention and cohesiveness of mortar
- Improved resistance to scaling from deicing salts
- Reduced permeability - increased water tightness
- Reduced segregation and bleeding
- Meets ASTM C260 *Standard Specification for Air-Entraining Admixtures for Concrete*

Available Sizes

1 Quart (32 ounces / 4 cups / .946 liters)

Mixing

Slowly stir product before use. Do not create bubbles or foaming by shaking the product. Follow packaged product manufacturer instructions for proper water per bag ratio. Substitute Akona® Liquid Air Entraining Admixture in place of "equal amount" of water to achieve the suggested addition rate per table below. So, if you add 4 ounces of this admixture, add 4 ounces less water to keep the amount of "liquid per bag" ratio the same.

Helpful Items:

Application

This admixture is added to the mixing water of the concrete or mortar to achieve a desired air entrainment of the finished product. For air entrained concrete slabs, use a broom or float finish and do not use a steel trowel finish.

Admixture Rate

The concrete ratio *(Table I)* is designed to achieve an air entrainment level of 6.5% (± 1.5%).

The mortar ratio *(Table II)* is designed to achieve an air entrainment level of 8% (± 2%).

Many factors can effect final air content when mixing concrete or mortar product in the field.

Table I: Concrete Air Entrainment
Target: 6.5% (± 1.5%)

Product:	Suggested Rate:
60 lbs. (27.2 kg) Pre-blended Concrete	3 fluid ounces (⅜ cup)
80 lbs. (36.3 kg) Pre-blended Concrete	4 fluid ounces (½ cup)
94 lbs. (42.6 kg) Portland Cement	16 fluid ounces (2 cups)

Table II: Mortar Air Entrainment
Target: 8% (± 2%)

Product:	Suggested Rate:
60# Type N Pre-blended Mortar	4 fluid ounces (½ cup)
80# Type N Pre-blended Mortar	5 fluid ounces (⅝ cup)
80# Type S Pre-blended Mortar	6 fluid ounces (¾ cup)

Warranty:

Seller warrants that its product will conform to and perform in accordance with the product specifications. The foregoing warranty is in lieu of all other warranties, express or implied, including, but not limited to, those including merchantability and fitness for a particular purpose. Because of the difficulty in ascertaining and measuring damages hereunder, it is agreed that, seller's liability to the buyer at no point for any particular project shall exceed the total purchase price of said product.

WARNING: PROTECT FROM FREEZING

KEEP OUT OF REACH OF CHILDREN!

Precautions:

Avoid contact with eyes and skin. If contact with eyes occurs, flood eyes repeatedly with clean water and see a physician immediately. Do not rub eyes. Wash hands thoroughly after handling or before eating with warm, soapy water. Do not take internally. Keep out of reach of children.

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