

PRODUCT DESCRIPTION

Akona® Liquid Air Entraining Admixture is a ready to use aqueous solution of special organic materials. 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. Its 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 and cement mixes
- Masonry mortars

ADVANTAGES

- Improves strength, workability, and 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 SIZE

- 1 qt. (32 oz. / 4 cups / 0.95 L) bottle (BOM #103941)

MIXING

Read all instructions before starting work. 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 Liquid Air Entraining Admixture in place of "equal amount" of water to achieve the suggested addition rate per ratio tables. 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.

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% ($\pm 1.5\%$).

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

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

Table I: Concrete Air Entrainment

Target: 6.5% ($\pm 1.5\%$)

Product:	Suggested Rate:
60 lbs. (27.2 kg) Pre-blended Concrete	3 fl. oz. ($\frac{3}{8}$ cup) (88.7 ml)
80 lbs. (36.3 kg) Pre-blended Concrete	4 fl. oz. ($\frac{1}{2}$ cup) (118.3 ml)
94 lbs. (42.6 kg) Portland Cement	16 fl. oz. (2 cups) (473 ml)

Table II: Mortar Air Entrainment

Target: 8% ($\pm 2\%$)

Product:	Suggested Rate:
60# Type N Pre-blended Mortar	4 fl. oz. ($\frac{1}{2}$ cup) (118.3 ml)
80# Type N Pre-blended Mortar	5 fl. oz. ($\frac{5}{8}$ cup) (147.8 ml)
80# Type S Pre-blended Mortar	6 fl. oz. ($\frac{3}{4}$ cup) (177.4 ml)



KEEP FROM FREEZING

WARNING: INJURIOUS TO EYES

KEEP OUT OF REACH OF CHILDREN

Proper application and installation of all AKONA products are the responsibility of the end user.

WARNING

Always read the product SDS and cautionary statements on product container prior to application. Avoid contact with eyes and skin. If contact with eyes occurs, flood eyes repeatedly with clean water and see a physician immediately. Wear proper protective gear as advised on the label and/or SDS. Wash hands thoroughly with warm, soapy water after handling or before eating. Do not take internally. KEEP OUT OF REACH OF CHILDREN.

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, expressed or implied, including, but not limited to those concerning 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 shall not exceed the total amount billed to the Buyer for the product hereunder.



Helpful Items:



Pail



Safety Glasses



Gloves



Hand Mixer