

# Foaming Agent



*Specially formulated to work in most equipment in use today!*

## **PREDICTABLE**

Precise air percentage on demand

## **DURABLE**

Maintains volume in any mix condition

## **ECONOMICAL**

Competitively priced in the market

## **BIODEGRADABLE**

Environmentally friendly and non-toxic



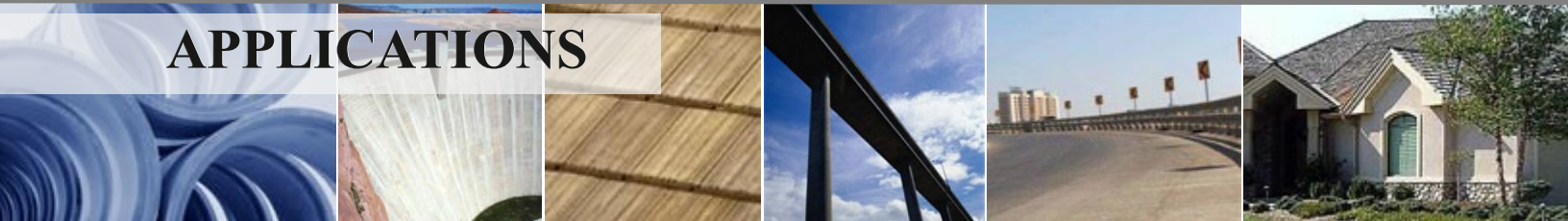
**Up to 80% of entrained air  
in a flowable fill mix**

**Non-collapsing up to 10 ft. lifts  
with zero weight gain**

**ASTM C869 Certified**



## **APPLICATIONS**



**LIGHTWEIGHT STRUCTURAL, FLOWABLE FILL, PRECAST, RESIDENTIAL, TILT UP WALLS, SOUND WALLS, SIDEWALKS, CONCRETE PIPE, DAM CONSTRUCTION, HIGHWAY OVERPASSES, AND MORE!**

# Foaming Agent



## STABLE AIR® FOAMING AGENT

Air-entraining Admixture

1:120 Dilution Rate

ASTM C869 Certified

1 Gallon = 7.4 cubic yards of foam

### Product Description:

Stable Air® Foaming Agent is a liquid air-entraining admixture that provides freeze-thaw resistance, enhances the finishability characteristics of concrete, and allows concrete producers to accurately control yield. Comprised of a blend of synthetic foaming materials and manufactured under stringent controls, our ASTM C260 and C-869 certified foaming agent assures both quality and consistent performance.

### Uses

Stable Air® Foaming Agent is recommended for use in all ready-mix, precast, prestress and other concrete products where the intentional entrainment of a specified level of air is required. ACI 201 Guide to Durable Concrete recommends that all concrete which is exposed to any level of freeze-thaw exposure or is subjected to the application of de-icing salts during the winter months should be air entrained.

Stable Air®

has been found to be particularly

effective in both high cement factor and low slump

concrete mixes, which require a very efficient air-entraining admixture. Used as a CLSM, it can be air-entrained up to 80% with lifts poured up to 10 ft. with zero weight gain and no collapsing. Stable Air Foaming Agent is also often utilized when a very stable air void system over time is required.

### Product Advantages

The percentage of air content specified, or the weight per cubic foot specified, can be predictably and accurately controlled. Air stability makes it particularly useful for longer transit times. The loss of air content through normal processing operations (mixing, transporting, pumping, placing and finishing) is very low. Stable Air technology functions well across a wide range of concrete materials and is economical to use in concretes which are typically difficult to air entrain.

### Performance

Air is incorporated into concrete via mixing mechanics and stabilized into millions of discrete semi-microscopic bubbles in the presence of Stable Air. These air bubbles act much like flexible ball bearings, increasing the plasticity and workability of the concrete. This allows for reductions in mixing water with no loss of slump. Surface bleeding, plastic

shrinkage and aggregate segregation are also minimized. Through the purposeful entrainment of air, Stable Air markedly increases the durability of concrete to severe exposures, particularly freeze-thaw cycling. It has also demonstrated a remarkable ability to impart resistance to the action of frost.

### Addition Rates

Stable Air addition rates will vary according to the specified level of air required. Addition rates are also influenced by mix design parameters, material properties of the cement, fly ash, coarse and fine aggregates, and other admixtures. Also, ambient and concrete temperature, mixing time and time of addition can affect the required dosage rates. It is recommended that pre-job testing be conducted to assure the correct dosage rate of Stable Air.

### Pricing

Prices are in USD and do not include tax & shipping. Volume discounts available. Call (941)727-5125 or (941) 216-3526 to order today!



American Concrete Institute®  
Advancing concrete knowledge

