



# GoldenAir™

## Flowable Fill In A Bottle

GoldenAir™

### GoldenAir™ Ready Mix Foaming Agent Demonstration

GoldenAir™

### The Base Mix

Batched for 1.5" Slump

GoldenAir™

1.5" Slump  
Right on the Mark!

GoldenAir™

### GoldenAir™

- The Hassle Is Gone!
- Ready Mix Friendly – Bottled Foaming Agent
- Direct Mixer Addition (Fast & Economical)
- Medium Range – Controlled Low Strength
- Density (90 – 110 Pcf)
- Convenient Mixer Sized Packaging
- No Wax Ball Breakage, Waste, or Mixing Problems
- No Special Equipment Needed

GoldenAir™

### INSTANT

9.5" Slump Flowable Fill

GoldenAir™

### Applications

GoldenAir™

### GoldenAir™

- Easy to Use
- Cost Effective Solution
- Flowable Fill Projects

GoldenAir™

### GoldenAir Is Easy To Pump

GoldenAir™

### Replacement for Unstable Soils

GoldenAir™

- Fill for Abandoned Mines
- Underground Tanks
- Pipelines

GoldenAir™

### Slab-On-Grade Construction

GoldenAir™

### Convenient Packaging for Your Plant

55 Gallon Drums • 5 Gallon Pails or  
Convenient 1 gal and 1 qt. Dose Matched Bottles

## BENEFITS

- Fast
- Economical
- Level Seeking
- Self-Compacting
- Fills Any Opening
- Shrink Resistant
- Easy to Excavate
- Non-Conductive
- Non-Corrosive
- Sound Deadening

## APPLICATIONS

- Utility Trenches
- Building Excavations
- Pipe Bedding
- Road Base
- Sub-Base Stabilization
- Abandoned Tank Fills
- Soil Stabilization
- Sink-Hole Fills
- Abandoned Mine Fills
- ICF Walls



# GoldenAir®

## Controlled Low Strength Material

GoldenAir® is a lightweight foam-enhanced cementitious fill material, which is purchased from your local Ready-Mix supplier. GoldenAir® is manufactured by mixing portland cement, sand, and GoldenAir® liquid concentrate in the concrete mixer according to exact pre-engineered mix designs.

GoldenAir® material is delivered ready for placement by factory-trained Ready-Mix drivers directly to your jobsite.

Our highly qualified professionals and our extensive manufacturing and field support team back FORTA's 20 plus years of concrete experience.

### — GUIDE SPECIFICATION —

#### 1. SCOPE OF WORK:

The GoldenAir® trained contractor shall furnish labor, materials, equipment, and supervision for the installation of GoldenAir® fill material in accordance with the drawings and specifications.

#### 2. MATERIALS:

2.1 GoldenAir® liquid concentrate shall be supplied by FORTA Corporation. GoldenAir® liquid concentrate shall comply with the standard specifications of ASTM C-869 when tested in accordance with ASTM C-796.

2.2 Portland cement shall comply with ASTM C-150, Type I, II, or III.

2.3 Mixing water shall be potable and free from deleterious amounts of acid, alkali, salts, oils, and organic materials which would adversely affect the setting time or strength of the GoldenAir® fill material.

2.4 Admixtures for reducing water, accelerating set, etc. may be used when specifically approved by FORTA® and used in accordance with the admixture manufacturer's recommendations.

#### 3. MIX DESIGN:

Mix design shall be in accordance with FORTA's recommendations for a maximum compressive strength of \_\_\_\_\_ pounds / square inch (psi) at 28 days.

#### 4. MIXING AND PLACING GoldenAir® FILL:

GoldenAir® flowable fill shall be mixed and delivered by a factory trained Ready-Mix company, and placed in a manner approved by FORTA Corporation.

#### 5. TESTING:

Four (4) specimens shall be taken at the point of placement for each 100 cubic yards of GoldenAir® fill material. Specimens shall be prepared, handled, stored, cured, weighed, and tested in accordance with ASTM C-495 procedures.

#### 6. SPECIAL CONSIDERATIONS:

Contact FORTA Corporation for design assistance.

**FORTA Corporation**  
100 FORTA Drive  
Grove City, PA 16127  
800-245-0306  
[www.fortacorp.com](http://www.fortacorp.com)