

I. GENERAL

I.1 DESCRIPTION

- I.1.1 AERFLOW CLSM is lightweight foam-enhanced cementitious fill material, which could be purchased from your local ready mix supplier.
- I.1.2 The AERFLOW trained contractor shall furnish the labor, material, equipment and supervision for the installation of AERFLOW CLSM material in accordance with the drawings and specifications.

2. PRODUCTS

2.1 MATERIALS

- 2.1.1 AERFLOW Foam Liquid Concentrate: shall comply with the guidelines of ACI 229 abe supplied by Aerix Industries™
- 2.1.2 Portland cement shall comply with ASTM C 150, Type I, II, or III.
- 2.1.3 Mixing water shall be potable and free from deleterious amounts of acids, alkali, salts, oils, and organic materials that would adversely affect the setting or strength of the MEARLCRETE.
- 2.1.4 Admixtures for reducing water, accelerating set, etc., may be used when specifically approved by Aerix Industries™ and in accordance with its recommendations.

2.1 MIX DESIGN

- 2.1.1 Mix Design shall be in accordance with Aerix Industries™ recommendations for a maximum compressive strength of _____ psi at 28 days.

3. EXECUTION

3.1 MIXING AND PLACING

- 3.1.1 AERFLOW fill material shall be batched, mixed and placed in a manner approved by Aerix Industries™
- 3.1.2 AERFLOW is typically poured into a mixer, directly on the CLSM mix by using 3 ounces per finished yard. Consult Aerix Industries™ technical staff for mix design recommendations.
- 3.1.3 AERFLOW is also designed to be suitable for use in combination with varous types of foam generating equipment, especially equipment that generated foam via air pressure.

4. TESTING

- 4.1 Four (4) specimens shall be taken at the point of placement for each 100 cubic yards of AERFLOW material. Secimens shall be prepared, handled, stored, cured and weighed to determine density. Specimens should be tested for compressive strength in accordance wiht ASTM C 495.

5. SPECIAL CONSIDERATIONS

- 5.1 Contact Aerix Industries™ for design assistance, application, and placement recommendations.

Aerix Industries™
Advanced Engineered Foam Solutions

