

---

# T E C H N I C A L B U L L E T I N

---

## CellFlow™ Liquid Foaming Agent Concentrate

CellFlow CLSM is lightweight foam-enhanced cementitious fill material, which is purchased from your local ready mix supplier. CellFlow CLSM is manufactured by mixing Portland cement, sand and CellFlow liquid concentrate in the concrete mixer according to exact pre-engineered mix designs.

CellFlow material is delivered ready for placement by factory-trained ready mix drivers directly to your jobsite .

CELLULAR CONCRETE'S 45 years of concrete experience is backed by our highly qualified professionals and our extensive manufacturing and field support team.

### **GUIDE SPECIFICATION: CellFlow CONTROLLED LOW STRENGTH FILL MATERIAL**

#### **1: SCOPE OF WORK:**

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

#### **2: MATERIALS:**

2.1 CellFlow liquid concentrate shall be CONCRETE LLC. CellFlow Liquid Concentrate shall comply with the standard specifications of ASTM C869 when tested in accordance with ASTM C-796.

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

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

2.4 Foaming Agents for reducing water, accelerating set, etc. may be used when specifically approved by CELLULAR CONCRETE LLC and used in accordance with the Foaming Agent manufacturer's recommendations.

#### **3: MIX DESIGN:**

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

#### **4: MIXING AND PLACING CellFlow:**

Shall be delivered from a factory trained Ready-Mix concrete company. CellFlow fill material shall be batched, mixed and placed in a manner approved by Cellular ConcreteLLC.

#### **5: TESTING:**

Four (4) specimens shall be taken at the point of placement for each 100 cubic yards of CellFlow fill material. Specimens shall be prepared, handled, stored, cured and weighed to determine density. Specimens should be tested for compressive strength in accordance with ASTM C495.

#### **6: SPECIAL CONSIDERATIONS:**

Contact CELLULAR CONCRETE for design assistance, application and placement recommendations.

CF 902 0300

---

7020 Snowdrift Road, Suite 102 • Allentown, PA 18106 USA  
610 398-7833 • Fax: 610 398-7050

E-mail: [info@cellular-concrete.com](mailto:info@cellular-concrete.com) • Internet: [www.cellular-concrete.com](http://www.cellular-concrete.com)