

SECTION 1003 -- FLOWABLE FILL

1003.01 -- Description

Flowable fill shall be a mixture of cement, fly ash, fine sand, water, and air having a consistency which will flow under a very low head.

1003.02 -- Material Characteristics

1. The approximate quantities of each material per cubic yard of mixed material shall be as shown in Table 1003.01.

Table 1003.01

Flowable Fill Composition (per cubic yard)	
Cement (Type I or II)	50 pounds
Fly ash	200 pounds
Fine sand	2,700 pounds
Water (approx.)	420 pounds
Air content (approx.)	10%

2. Actual quantities shall be adjusted to provide a yield of 1 cubic yard with the materials used.

3. Approximate compressive strength should be 85 to 175 psi.

4. Fine sand shall be an evenly graded material having not less than 95 percent passing the No. 4 sieve and not more than 5 percent passing the No. 200 sieve.

5. Mixing and handling of the material shall be in accordance with Section 1002.

1003.03 -- Acceptance Requirements

1. Flowable fill is accepted based on it meeting the requirements in this Section.

2. Cement must be on the NDR Approved Products List.