

- B. Maintain sand uniformly damp immediately before the mixing process.
- C. Add mortar colour and admixtures in accordance with manufacturer's instructions. Provide uniformity of mix and coloration.
- D. If the mortar mix needed water, re-temper only within two hours of mixing.
- E. Use mortar within time specified in manufacturer's instructions, but not more than two hours after mixing.

### **1.2.6 Grout Mixes**

- A. Mixed in accordance with ASTM C476 and to achieve 21 MPa strength at 28 days; 200-250 mm slump.

### **1.2.7 Grout Mixing**

- A. Thoroughly mix grout ingredients in quantities needed for immediate use in accordance with ASTM C476.
- B. Where admixtures are approved, add in accordance with manufacturer's instructions; mix uniformly.

### **1.2.8 Mix Tests**

- A. Test mortar and grout in accordance with Sections 01400 and 01410.
- B. Testing of Mortar Mix: In accordance with ASTM C270.

## **1.3 Part 3 Execution**

### **1.3.1 Examination**

- A. Request inspection of spaces to be grouted.

### **1.3.2 Preparation**

- A. Where applicable and approved by the Engineer, apply bonding agent to existing surfaces.
- B. Plug clean-out holes with masonry units. Brace masonry for wet grout pressure.
- C. Openings for doors and windows should be framed with concrete.

### **1.3.3 Installation**

- A. Install mortar and grout to requirements of Section 04300.
- B. Work grout into masonry cores and cavities to eliminate voids.
- C. Do not install grout in lifts greater than 400 mm or two courses without consolidating grout by Roding.
- D. Do not displace reinforcement while placing grout.
- E. Remove excess mortar from grout spaces.