

## **MORTAR AND GROUT FOR MASONRY**

### **1. GENERAL**

#### **1.1 Work Included**

- .1 Provide all materials and labour to perform the mortar and grout Work for all masonry walls indicated on the Drawings.

#### **1.2 References**

- .1 CSA A179 Mortar and Grout for Unit Masonry.

#### **1.3 Samples**

- .1 Submit samples in accordance with Section the General Conditions.

### **2. PRODUCTS**

#### **2.1 Materials**

- .1 Mortar and grout: conforming to CSA A179.
- .2 Aggregate: conforming to CSA A82.56.
- .3 Water: clean, potable, free of injurious amounts of acids, alkalis, and organic material.
- .4 Masonry cement: conforming to CAN/CSA-A8, Type S.
- .5 Portland cement: conforming to CAN/CSA-A5, normal Type 10.
- .6 Hydrated lime: conforming to CSA A82.43.
- .7 Use aggregate passing 1.18 mm sieve where 6 mm thick joints are indicated.
- .8 Dirt resistant additives: aluminum tristearate, calcium stearate, or ammonium stearate.

#### **2.2 Material Source**

- .1 Use same brands of materials and source of aggregate for entire project.

#### **2.3 Mortar Types**

- .1 Mortar for all masonry:
  - .1 Type S based on Property Specifications.

#### **2.4 Grout**

- .1 Grout: to CSA A179, Table 3.

#### **2.5 Parging**

- .1 Parging mortar: Type S to CSA A179.

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### **3. EXECUTION**

#### **3.1 Mixing**

- .1 Do masonry mortar and grout Work in accordance with CSA A179 except where specified otherwise.
- .2 Mix grout to semi-fluid consistency.
- .3 Incorporate admixtures into mixes in accordance with Manufacturer's instructions.
- .4 Comply with cold weather requirements specified in CSA A371 Masonry Construction for Buildings.

#### **3.2 Testing**

- .1 Testing of mortar materials will be carried out by an inspection and testing firm designated by the Contract Administrator.
- .2 The City will pay costs for tests.
- .3 Costs for additional testing required as a result of defective materials will be the responsibility of the Contractor.
- .4 Submit samples of all materials proposed for testing.

**END OF SECTION**