

SECTION 04100  
MORTAR AND GROUT

## PART 1 GENERAL

## 1.1 SECTION INCLUDES:

- A. Mortar for Masonry
- B. Grout for Unit Masonry

## 1.2 REFERENCES

- A. ACI 530/ASCE 5/TMS 402 - Building Code Requirements for Masonry Structures
- B. C530.1/ASCE 6/TMS 602 - Specifications for Masonry Structures
- C. ASTM C91 - Masonry Cement
- D. ASTM C94 - Ready-Mixed Concrete
- E. ASTM C144 - Aggregate for Masonry Mortar
- F. ASTM C150 - Portland Cement
- G. ASTM C207 - Hydrated Lime for Masonry Purposes
- H. ASTM C270 - Mortar for Unit Masonry
- I. ASTM C404 - Aggregates for Masonry Grout
- J. ASTM C476 - Grout for Masonry
- K. ASTM C595 - Blended Hydraulic Cement
- L. ASTM C780 - Test Method for Preconstruction and Construction Evaluation of Mortars for Plain and Reinforced Unit Masonry
- M. ASTM C1019 - Test Method of Sampling and Testing Grout
- N. Florida Building Code.

## 1.3 SUBMITTALS

- A. Submit mix design for mortar indicating whether the proportion or the property specification of ASTM C270 is to be used.
- B. Submit mix design for grout indication conformance of grout to requirements of ASTM C476.
- C. Submit test reports indicating conformance of mortar materials to property specifications of ASTM C270.
- D. Submit test reports of pre-construction tests of mortar for consistency, mortar aggregate ratio, water content, air content, compressive strength and splitting tensile strength in conformance with ASTM C780.
- E. Submit test reports of grout tests in conformance to ASTM C1019.
- F. Submit manufacturer's certificate for products indicating conformance with specified requirements.
- G. Submit two samples representative of mortar color.

## 1.4 DELIVERY, STORAGE, AND HANDLING

- A. Deliver and store packaged materials in original unopened containers and store in dry weather-tight enclosures.
- B. Stockpile and handle aggregates to prevent segregation and contamination.
- C. Maintain sand for volume proportioning of mortar and grout in a damp loose condition.



C.