

PART 1 GENERAL

- 1.1 RELATED WORK
- .1 General Requirements: Division 1
  - .2 Joint Sealants: Section 07 92 10
- 1.2 REFERENCES
- .1 CSA A179-M1976 Mortar and Grout for Unit Masonry.
  - .2 CAN3-A37-M84 Masonry Construction for Buildings.
- 1.3 SOURCE QUALITY CONTROL
- .1 Submit laboratory test reports in accordance with Section 01 33 00 Submittal Procedures.
  - .2 Submit laboratory test reports certifying compliance of masonry units and mortar ingredients with specification requirements.
  - .3 For clay units, in addition to requirements set out in referenced CSA and ASTM Standards include data indicating initial rate of absorption.
- 1.4 SAMPLES
- .1 Submit samples in accordance with Section 01 35 29 Submittal Procedures.
  - .2 Submit samples:
    - .1 Two (2) of each type of masonry unit specified.
    - .2 One (1) of each type of masonry accessory specified.
    - .3 One (1) of each type of masonry reinforcement, tie and connector proposed for use.
    - .4 Samples required for testing purposes.
- 1.5 PRODUCT DELIVERY, STORAGE AND HANDLING
- .1 Deliver materials to job site in dry condition.
  - .2 Keep materials dry until use except where wetting of bricks is specified.
  - .3 Store under waterproof cover on pallets or plank platforms held off ground by means of plank or timber skids.
- 1.6 COLD WEATHER REQUIREMENTS
- .1 Supplement Clause 5.15.2 of CAN3-A371 with following requirements:
    - .1 Maintain temperature of mortar between 5°C and 50°C until used.
- 1.7 HOT WEATHER

- REQUIREMENTS .1 Protect freshly laid masonry from drying too rapidly, by means of waterproof, non- staining coverings.
- 1.8 PROTECTION .1 Keep masonry dry using waterproof, non- staining coverings that extend over walls and down sides sufficient to protect walls from wind driven rain, until masonry work is completed and protected by flashings or other permanent construction.
- .2 Protect masonry and other work from marking and other damage. Protect completed work from mortar droppings. Use non-staining coverings.
- .3 Provide temporary bracing of masonry work during and after erection until permanent lateral support is in place.

PART 2 PRODUCTS

- 2.1 MATERIALS .1 Masonry materials are specified in relate sections indicated in 1.1 Related Work.

PART 3 EXECUTION

- 3.1 WORKMANSHIP .1 Do masonry work in accordance with CAN3-A371 except where specified otherwise.
- .2 Build masonry plumb, level, and true to line, with vertical joints in alignment.
- .3 Layout coursing and bond to achieve correct coursing heights, and continuity of bond above and below openings, with minimum of cutting.
- 3.2 TOLERANCES .1 Tolerances in notes to Clause 5.3 of CAN3-A371 apply.
- 3.3 EXPOSED MASONRY .1 Remove chipped, cracked, and otherwise damaged units in exposed masonry and replace with undamaged units.
- 3.4 JOINTING .1 Allow joints to set just enough to remove excess water, then rake joints uniformly to 6 mm depth and compress with square tool to provide smooth, compressed, raked joints of uniform depth where raked joints are indicated.
- .2 Strike flush all joints concealed in walls and joints in walls to receive plaster, tile, insulation, or other applied material except paint or similar thin finish coating.

END OF SECTION