



**UPSTATE NEW YORK MCAA CHAPTER**

presents

# Hot Weather Masonry Provisions for CMU and Brick

Based upon TMS 602 – Specifications  
referenced in NYS Building Code

(These are minimum standards unless more stringent  
requirements are listed in project documents)

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# Hot Weather

Starts when ambient air temperature is either:

- a) above 90°F and 8 mph, or
- b) above 100 °F

Special conditions for :

- a) Preparation
- b) Construction
- c) Protection

# Preparation

- Maintain sand piles damp and loose.
- Mortar temperature must be below 120 °F when mixed.

# Construction

- Maintain mortar and grout below 120 °F.
- Flush mixer, any mortar transport containers, and mortar boards with cool water before they come in contact with mortar or ingredients.
- Retemper with cool water.
- Use mortar within 2 hours unless it begins to set.

# Protection

- Fog spray newly constructed masonry until damp, at least three times a day until the masonry is three days old.

# Caution

Added Preparation and Construction conditions required if ambient temperature exceeds:

- a) above 105°F and 8 mph, or
- b) above 115 °F

# Added Preparation conditions

- Shade materials and mixing equipment from direct sunlight

# Added Construction conditions

- Use only cool mixing water for mortar and grout.
- Ice is permitted in the mixing water prior to use. Ice is not permitted when added to mortar or other ingredients.