

Hot Weather Masonry Provisions for CMU and Brick



**BASED UPON
TMS 602 -
SPECIFICATIONS**

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.

thanks



QUESTIONS?