



REQUIREMENTS FOR COLD WEATHER MASONRY CONSTRUCTION

During construction when the daily air temperature falls below 41E F, or the anticipated temperature is below 41E F, the following construction and protection procedures on Tables 1, 2 and 3 (see reverse side) are to be used.

Table 1. Construction Requirements

DEGREES FAHRENHEIT	Construction Requirements
40-32	Sand <u>or</u> mixing water shall be heated to produce mortar temperatures between 40° F and 120° F
32-25	Sand and mixing water shall be heated to produce mortar temperatures between 40° F and 120° F
25-20	Sand and mixing water shall be heated to produce mortar temperatures between 40° F and 120° F. Maintain mortar temperatures on boards above freezing. Utilize sources of heat on both sides of walls under construction. Employ windbreaks when wind is in excess of 15 mph.
20 and below	Sand and mixing water shall be heated to produce mortar temperatures between 40° F and 120° F. Provide enclosure and auxiliary heat to maintain air temperature above freezing. Temperature of units when laid shall not be less than 20° F.

Table 2. Protection Requirements

DEGREES FAHRENHEIT	Protection Requirements (Completed masonry or sections not being worked on)
40-32	Masonry shall be protected from rain or snow for 24 hours by covering with a weather-resistive membrane.
32-25	Masonry shall be completely covered with a weather-resistive membrane for 24 hours.
25-20	Masonry shall be completely covered with insulating blankets or equally protected for 24 hours.
20 and below	Masonry temperature shall be maintained above freezing for 24 hours by enclosure and supplementary heat, by electric heating blankets, infrared heat lamps or other approved methods.

(See other side for grout requirements)

Table 3. Grout Requirements

DEGREES FAHRENHEIT	Placing grout and protection of grouted masonry
40° and below	Grout mixing water and aggregate shall be heated to produce grout temperatures between 40° F and 120° F. Masonry to be grouted shall be maintained above freezing during grout placement and for at least 24 hours after placement.
Below 20° F	Enclosures shall be provided around the masonry during grout placement and for at least 24 hours after placement.