

COLD WEATHER MASONRY REQUIREMENTS

GENERAL REQUIREMENTS: (40 degrees F and below per)

- 1) All materials shall be dry.
- 2) Tops of all walls shall be covered when work is not in progress. Covering shall drape down both sides of wall at least 2' and be secured. (See below for specific temperature requirements).
- 3) All ice and snow shall be removed by heating until dry to the touch.
- 4) Any frozen and damaged masonry shall be removed before work is continued.

REQUIREMENTS:

- A. Sand and/or aggregates shall be heated to produce 40- to 120-degree F mortar or grout temperatures.
- B. Mixing water shall be heated to produce 40- to 120-degree F mortar or grout temperatures.
- C. Mortar on boards shall be maintained above freezing.
- D. Heat source shall be used on both sides of walls and windbreaks employed if winds exceed 15 mph.
- E. Heat within an enclosure shall be used to maintain temperatures above 32-degrees F.
- F. Masonry unit temperatures shall not be less than 20-degrees F.
- G. Weather resistive membrane shall be used to protect from rain or snow for at least 24 hours.
- H. Weather resistive membrane or enclosure shall completely cover work for at least 24 hours.
- I. Insulating blankets shall completely cover work for at least 24 hours.
- J. Maintain masonry temperatures above 32-degrees F for at least 24 hours.

REQUIREMENTS BASED ON TEMPERATURE (IN DEGREES F)			
TEMPERATURE	CONSTRUCTION	PROTECTION	GROUTING
40-32	A or B	G	A, B, J
32-26	A, B, C	H	A, B, J
25-20	A, B, C, D	I	A, B, J
20 or below	A, B, E, F	E, J	A, B, J, H