

Precautions for pouring in the cold weather.

Cold weather as defined by ACI is a period when for more than three successive days the average daily outdoor temperature drops below 40F. The average daily temperature is the average of the highest and lowest temperature during the period from midnight to midnight. When temperatures above 50F occur during more than half of any 24 hour duration, the period shall no longer be regarded as cold weather.

- Cover top of forms at the end of each work day so snow or rain does not go into the forms.
- Before you pour the concrete, make sure all snow, ice and water is removed from inside the form. Do **not** use calcium to remove, it will attack the rebar.
- Do not pour concrete on the frozen ground or against any material that is below 32F
- After you pour the concrete, the top of the wall should be kept covered with insulating blankets or hay or insulation for three days or until the concrete reaches a minimum compressive strength of 500psi (3.5 Mpa).
- Do not let the blankets get wet while using to protect the top of the wall.

If you have any concerns, refer to ACI publications ACI 306.1-90 or ACI 306R-88.

If you have any questions, please call Rich at 413-218-5471