



COLD WEATHER CONCRETE

The Temperature must be 20-22 degrees Fahrenheit and rising to pour concrete footings. The temperature must be 30 degrees and rising to pour walls. When the air temperature is below 40 degrees or forecast to fall below 40 degrees during the next 24 hours, weather protection must be on the project site in order to receive a passing inspection. Blankets, straw, and tented plastic with heat may be considered as adequate for weather protection.

ACI Standard 318

- 5.12 - Cold weather requirements
 - 512.1 - Adequate equipment shall be provided for heating concrete material and protecting concrete during freezing or near-freezing weather.
 - 512.2 - All concrete materials and all reinforcement, forms, fillers, and ground with which concrete is to come in contact shall be free from frost.
 - 512.3 - Frozen material or materials containing ice shall not be used.