

5. Discuss curing requirements with your local concrete admixture or ready mixed concrete sales professional. The use of heating blankets is highly recommended. Fossil-fueled heaters in enclosed spaces should be vented for safety reasons and to prevent carbonation of newly placed concrete surfaces, which causes dusting.
6. It is not recommended to pour concrete if temperatures drop below 20°F (-6.7°C) for a significant period of time.

ACI 306.1 PLACEMENT TEMPERATURE GUIDELINES

Section size, minimum dimension, inch (mm)	Minimum concrete temperature as placed and maintained during the protection period	Maximum gradual decrease in surface temperature during any 24hr period after end of protection
Less than 12" (300)	55°F (13°C)	50°F (27°C)
12" - 36" (300 - 900)	50°F (10°C)	40°F (22°C)
36" - 72" (900 - 1800)	45°F (7°C)	30°F (17°C)
Greater than 72" (1800)	40°F (4°C)	20°F (11°C)

Compliments of:



The Euclid Chemical Company

[*Technical Bulletin AD-02*](#)

www.euclidchemical.com