



TEMPtect™

All-season concrete

PERFECT WHEN THE WEATHER ISN'T

TEMPtect is engineered to withstand extreme temperatures, extending construction season into winter and summer months, when conditions are typically challenging for concrete placement.

Primary Features

- Specially designed to tolerate temperatures outside the ideal range (50-80°F) for traditional concrete placement
- Permits placement of concrete in temperatures as low as 19°F and as high as 105°F
- Guaranteed 4-hour (+/- 1 hour) initial set time provided *ACI 306: Guide to Cold Weather Concreting*, *ACI 305: Specification for Hot Weather Concreting*, practices are followed
- Reduces heating and protection time in cold weather, and reduces the evaporation rate and moisture loss in the summer
- Extends construction time further into the winter and summer months, where the temperatures may not be ideal for concrete placement
- Controlled and predictable setting time leads to faster slab finishing and lower and predictable labor costs for contractors
- Delivers superior workability with reduced segregation and bleeding
- Superior finishing characteristics for flatwork and cast surfaces
- TEMPtect can be placed using a chute, bucket, pump, or convey

Additional Information

- Does not contain calcium chloride or any other intentionally added chloride-containing ingredients, making it an excellent choice for any concrete in contact with steel surfaces
- Will not initiate or promote corrosion of reinforcing steel embedded in concrete or galvanized steel floor and roof systems
- Exceeds industry standards for durability due to freezing and thawing, offering superior workability, pumpability, and placement with accelerated concrete setting times
- Placement should follow the regulations of *ACI 306: Guide to Cold Weather Concreting*, *ACI 305: Specification for Hot Weather Concreting*

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Cold Weather

Recommended Mix	Temperature (°F) in situ
TEMPtect C1	50° to 46°F
TEMPtect C2	45° to 41°F
TEMPtect C3	40° to 35°F
TEMPtect C4	34° to 30°F
TEMPtect C5	29° to 24°F
TEMPtect C6	23° to 19°F

Hot Weater

Recommended Mix	Temperature (°F) in situ
TEMPtect H1	81° to 85°F
TEMPtect H2	86° to 90°F
TEMPtect H3	91° to 95°F
TEMPtect H4	96° to 100°F
TEMPtect H5	101° to 105°F

