WINTER CONSTRUCTION RISKS

FABCON PRECAST

Why precast wall panels are your best choice for combating winter construction risks.

AS IT PERTAINS TO THE POURING AND CURING OF CONCRETE, the American Concrete Institute defines cold weather is a period when "for more than three successive days the average daily air temperature drops below 40°F/5°C and stays below 50°F/10°C for more than one-half of any 24 hour period." It's safe to say the Twin Cities has its share of cold weather.

Cold weather conditions can prove particularly challenging for building contractors because cold weather affects project schedules, construction quality, and employee safety. If site cast concrete or masonry mortar freeze before they've developed sufficient strength to resist the expansive forces of freezing water, the disruption of ice crystals will result in an irreparable loss in strength—as much as 50 percent in the ultimate strength of the material. Cold is hard on people, too. Masons are continually exposed to the cold, putting them at risk of frostbite if they don't take frequent breaks. Unfortunately, business growth can't stop because it's cold outside. The good news is that contractors can combat subzero conditions with innovative building materials and construction methods.

Structural, pre-stressed precast concrete panels keep building projects on schedule regardless of the weather. Fabcon precast panels are poured and cured in the controlled environments of our certified manufacturing facilities, ensuring quality and consistency. By the time our panels arrive on your job site, they're stable and ready to go. And because our PCI-certified installation crews specialize in this specific style of construction, not a moment is wasted. Even large-scale projects can be enclosed in a matter of days. Structural precast panels provide load-bearing support once erected, giving site managers more flexibility over the construction schedule. Precast also provides an immediate barrier to the elements, allowing work to be done inside the building.