

CHEMSTRONG CF

DOSAGE RATES FOR SUB FREEZING TEMPERATURES

Ambient Temperature at Placement	Dosage Rate Chemstrong CF
29 – 35 Degrees	60 Oz. Per 100 Wt. Cement
25 – 29 Degrees	75 Oz. Per 100 Wt. Cement
20 – 25 Degrees	90 Oz. Per 100 Wt. Cement

Please Note:

Concrete containing **Chemstrong CF** must achieve initial set at an ambient temperature of 20 Degrees F (-7 Degrees C) or higher before being exposed to freezing temperatures below 20 Degrees F (-7 Degrees C). Ambient temperature must be 20 Degrees and rising at placement through to initial set.

Concrete containing **Chemstrong CF**:

- (1) when exposed to sub-freezing weather conditions after placement, every effort must be taken to prevent the ingress of additional water to hardened concrete during curing in place. An example of such protection includes plastic sheeting, waterproof concrete blankets and, whenever practical, a surface sealer. When used, a surface sealer* must be applied as soon as the concrete reaches initial set or finishing is complete whichever is sooner.
- (2) must be provided protection (blankets) against wind to avoid wind-chill effects on the surface and to maximize heat development generated by normal hydration and initial concrete temperatures.

* Apply the surface sealer in accordance with the manufacturer's recommendations. The surface sealer must be stored and kept at 50 Degrees F (10 Degrees C) before and during usage at low ambient temperatures.