

SALMON BAY SAND & GRAVEL COMPANY

BUILDING MATERIAL

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COLD WEATHER AND YOUR CONCRETE

Cold weather and frosty or frozen ground can increase set times and adversely effect the finishability of concrete. This can lead to the concrete freezing prior to setting, which may result in severe cracking and or scaling of the surface. Be sure to use these necessary precautions to avoid the problems of placing and finishing concrete in cold weather.

- Increase cement content for cold weather.
- Use of hot water to help raise the temperature of the mix.
- Use of Calcium Chloride to accelerate set times.
- Use of non-chloride accelerators such as MasterSet AC-534.
- Try to keep the area enclosed and heated if possible.
- Time of day, don't place concrete late in the day if temperatures are to drop.
- Use curing blankets or poly-film to help hold the heat in.
- Protect your forms from freezing the night before by covering with blankets.

Placing concrete in cold weather can be challenging, with a little forethought and talking to our Sales and Dispatch people we hope to make it easier for you.

Please give us a call and find out how we can help.

Ron Anderson	Concrete Sales Manager	206-297-4713
Paul Rohrbach	Concrete Sales	206-294-4664
Greg Quinn	Quality Assurance	206-297-4735
Concrete Dispatch	Doug Blundell	206-784-1234
	Debbie	206-784-1234
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Internet Links To:

BASF	(accelerators)	http://www.masterbuilders.com
Grace Admixtures	(accelerators)	http://www.na.graceconstruction.com/prodline.cfm?did=1
SBSG	(blankets)	http://www.atlasconstructionspecialties.com/index.html