

SET PERFORMANCE SOLUTIONS

Beat the Cold... Save some time! (and money)



Central Concrete Supply offers a ready-to-ship product utilizing Site Set technology. Site Set Accelerator helps improve concrete setting time performance.

OVERVIEW:

Concrete has setting characteristics that can be negatively affected by low ambient temperatures, typically resulting in extended setting times and increased labor costs.

TREATING READY-MIXED CONCRETE:

Site Set™ can be used to reduce setting time in ready-mixed concrete while providing the following benefits:

- When using Site Set concrete, please follow ACI Guidelines for Cold Weather Concrete (ACI 306)
- Non-chloride. Will not promote corrosion in reinforcing steel embedded in concrete.
- Designed to reduce setting time challenges presented by high fly ash mixes.
- Reduced in place concrete costs and increased labor savings.
- Faster job turn around time.
- Safe to use with all colored concrete mixes.



Approximate reduction in set time.

	AMBIENT TEMPERATURE (in Degrees F)		
Air Temperature at Times of Placement	32° - 39°f	40° - 49°f	50° - 59°f
Normal Setting Time (No Accelerator)	7 - 12 Hrs	6 - 10 Hrs	5 - 9 Hrs
Site Set Savings - 15 ozs / cwt	3 - 3.5 Hrs	2.5 - 4.5 Hrs	2.5 - 3.5 Hrs
Site Set Savings - 25 ozs / cwt	3.5 - 6.5 Hrs	3 - 5.5 Hrs	2 - 4.5 Hr's

Times based on on-going lab and field tests. Concrete set time reductions represent concrete mixes made with up to 25% fly ash replacement. All setting times tested in accordance with ASTM C403. Based on concrete placed at a 4" +/- 1" slump. Increased slumps will result in longer set times.

DOSAGE GUIDELINES:

The following are guidelines for Site Set™ dosages used for acceleration of set time of ready-mixed concrete. These are only guidelines. Variations in job conditions and materials may cause setting times to vary.

CURING: All concrete should be cured to maximize strength and quality, and to minimize cracking. Refer to ASTM C308, Standard Practice for Curing Concrete.

*** To maximize effectiveness of Site Set , mix 70 revolutions on site prior to placing.**

For more info, call (866) 404-1000 or visit us on the web - www.centralconcrete.com