



CEMENT RETARDER

SET-RETARDING ADMIXTURE

DESCRIPTION

CEMENT RETARDER is an easy-to-use, water-based additive that prolongs the setting time for cement-based products, including concrete and cementitious overlays.

PRIMARY APPLICATIONS

- For use in most cementitious products including grouts and thin-sets
- Use when longer set times are desired
- Delays set time in warm temperatures

FEATURES/BENEFITS

- Water-based
- Extends setting time
- Excellent for use in warm weather
- Mixes easily

PACKAGING

CEMENT RETARDER is packaged in 1 gal (3.8 L) containers

SHELF LIFE

2 Years in original, unopened container.

COVERAGE/DOSAGE

Dosage per 100 lbs/100 kg cement:

Air Temperature		
40 to 69 °F (4 to 20 °C)		2 fl oz (130 mL)
70 to 79 °F (21 to 26 °C)		3 fl oz (196 mL)
80 to 89 °F (27 to 32 °C)		4 fl oz (260 mL)
>90 °F (>32 °C)		5 fl oz (326 mL)

DIRECTIONS FOR USE

CEMENT RETARDER should be added to the initial batch water of the concrete mixture. Do not dispense directly on to dry product.

The dosage will vary with temperature, density, and ratio of cement in the batch mix. 3 fl oz/100 lbs (196 mL/100 kg) of cement will extend the initial setting time of portland cement concrete by approximately 2 to 3 hours at 70 °F (21 °C). For longer setting times or in higher temperatures, additional retarder may be needed. For shorter set times or in cooler weather, use less. See previous dosage guidelines.

CLEAN-UP

Absorb spills with inert material and dispose of in accordance with applicable federal, state and local regulations.

PRECAUTIONS/LIMITATIONS

- Care should be taken to maintain CEMENT RETARDER above freezing temperatures; however, freezing and subsequent thawing will not harm the material if thoroughly agitated before use.
- Never agitate with air or an air lance.
- Add to mix independent of other admixtures.
- For professional use only.
- In all cases, consult the Safety Data Sheet before use.

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