

WE101

Zinc Oxide Concrete Retarder



Product Overview

WE101 is a specialty zinc oxide concrete retarder. It is a white powder used to control and delay initial curing of concrete mixes, especially at elevated casting temperatures or where extended work time is required. In addition to being used as a set retarder, WE 101 also increases ultimate compressive strength and other physical properties.

Benefits / Features

- Powerful cure retarder of Portland cement (4x - 7x time to final set)
- Slightly reduced flow at higher loading rates
- Corrosion inhibition of steel reinforcement in adverse environments
- Increased compressive strength (Up to 30% higher strength at 2% loading rate)
- Lighter color

Usage

WE101 is a powerful concrete retarder and will significantly delay the curing of concrete mixes even at high worksite temperatures. It can be added with a starting point of 0.4% up to 2% of cementitious weight for extremely long set times. Best practice would be to test mix samples before deciding on a final dosage rate. Concrete will still exotherm, but later than normal. Thermal blankets, insulation, and proper curing techniques should be applied.



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