



PREMIERE  
CONCRETE  
SOLUTIONS



## PROLONG™

## PRODUCT DATA

### ProLong – Hydration Control Admixture Concrete Set Retarder and Finishing Aid

#### DESCRIPTION

**ProLong – Hydration Control Admixture** is a dry powdered chemical admixture that is engineered to ProLong the workability of concrete. **ProLong** can be used to stabilize wash water or returned concrete.

The use of **ProLong – Hydration Control Admixture** results in improved finishability in stamped concrete by controlling the set of the concrete.

**ProLong – Hydration Control Admixture** is packaged in plastic bags.

#### USES

**ProLong – Hydration Control Admixture** Greatly aids in controlling the set of the concrete in specialty placements, such as tremmy, and caissons.

Using **ProLong – Hydration Control Admixture** for wash water stabilization overnight is environmentally friendly. Reduces the amount ground water the concrete producer needs to account for.

**ProLong – Hydration Control Admixture** when used in extended pumping and placement projects. When **ProLong – Hydration Control Admixture** is used to stabilize left over concrete the use of accelerating admixtures can or may be required to “wake the concrete up” if conditions require that.

#### APPLICATIONS

- Pumping concrete, shotcrete, decorative concrete.
- Stabilizing Concrete wash water

- Stabilizing returned plastic concrete
- Stabilizing Concrete for long haul deliveries.
- Pervious Concrete

#### ADVANTAGES

- Improved workability
- Reduced water content
- Reduced Segregation
- Less waste concrete
- Increased strength
- Retained Slump for extended time

#### BATCHING

**ProLong – Hydration Control Admixture** for returned concrete can be added during or after the charging of the mixer. Mix for 5 minutes or 80 revolutions at mixing speed to assure adequate distribution. Dosage depends on variables contact your ProMix Technical Sales Representative to obtain Rules of Thumb for your specific requirements.

**ProLong – Hydration Control Admixture** for wash water is dosed at 1 to 2 bags and 70 gallons of water and mixed for 70 revolutions while repeatedly reversing the drum to insure complete coverage throughout the barrel.

**ProLong – Hydration Control Admixture** when used with fresh concrete is dosed at 1 bag for 3 to 5 yards. Depending on conditions, job requirements and other variables contact your ProMix Sales Representative to receive technical assistance.

#### PACKAGING

**ProLong – Hydration Control Admixture** Is prepackaged in plastic bags with a dissolvable bag inside. Contact your ProMix Technical Sales representative for help in developing mixes that will work with your raw materials.



PREMIERE CONCRETE SOLUTIONS  
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## COMPATIBILITY

**ProFill– Flowable Fill Admixture** is fully effective and compatible in concrete containing all types of Portland cement, class C and F fly ash, calcium chloride, fibers and approved water-reducing, accelerating and retarding admixtures.

## SHELF LIFE

3 Years

## TECHNICAL NOTE

Please contact your Pro Mix Technical Sales representative for a pre-placement meeting to discuss helpful batching, placement, finishing and curing procedures.



*This Product is formulated and labeled for Industrial and Commercial Use only. For best results and safest usage, user is specifically directed to consult the current material safety data sheet and package label for this product.*

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