

ProLong™



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 of ground water the concrete producer needs to account for.

ProLong – Hydration Control Admixture is used to stabilize leftover concrete; the use of accelerating admixtures can or may be required to “wake the concrete up” if conditions require.

ADVANTAGES

- Improved workability
- Reduced water content
- Reduced segregation
- Less waste concrete
- Increased strength
- Retained slump for extended time

APPLICATIONS

- Pumping concrete, shotcrete, decorative concrete.
- Stabilizing concrete wash water
- Stabilizing returned plastic concrete
- Stabilizing concrete for long haul deliveries
- Pervious concrete

SPECIFICATIONS

Conforms to ASTM C 494 Type B ASTM C 494 Type D AASHTO M 194 Types B and D CRD C 87 Types B and D

TECHNICAL NOTE

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

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 PCS 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 PCS Technical Sales Representative to receive technical assistance.



PREMIERE CONCRETE SOLUTIONS

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ProLong™

COMPATIBILITY

OptiFlo® 100R is compatible with all types of Portland cement, class C and F fly ash, slag, microsilica, calcium chloride, fibers and approved water reducing, super plasticizing and air entraining admixtures. OptiFlo® 100R can be used in all white, colored, and architectural concrete. For best results, the air entraining admixture should be added separately into the concrete mix.

PACKAGING

ProLong – Hydration Control Admixture is prepackaged in plastic bags with a dissolvable bag inside. Contact your PCS Technical Sales Representative to help in developing mixes that work with your raw materials.

COMPATIBILITY

ProLong – Hydration Control 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



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.

Premiere Concrete Solutions warrants its products to be free of manufacturing defects and that they will meet Premiere Concrete Solutions current published physical properties when applied in accordance with Premiere Concrete Solutions directions and tested in accordance with ASTM and Premiere Concrete Solutions standards. Premiere Concrete Solution makes no warranty or guarantee, express or implied, including warranties of fitness for a particular purpose or merchantability, respecting its products, and Premiere Concrete Solutions shall have no other liability with respect thereto. Any claim regarding product defect must be received in writing within one (1) year from the date of shipment. No claim will be considered without such written notice or after the specified time interval. Our liability shall be limited to replacement of, or refund of an amount not to exceed the purchase price attributed to, the goods as to which such claim is made. Our selection of one of these alternatives shall be Buyer's exclusive remedy. In no case shall we be liable for consequential or special damages. Even if we have been advised of the possibility of such damages. The foregoing warranties are in lieu of all other warranties, guarantees, co-conditions and representations, either expressed or implied, whether arising under any statute. Common Law, usage or trade, course of dealing or otherwise, including, but not limited to, the implied warranties of merchantability or fitness for a particular purpose. User shall determine the suitability of the products for the intended use and assume all risks and liability in connection therewith.