

PRODUCT DESCRIPTION

PSR™ is a dry powdered admixture, packaged in a ready-to-use water soluble bag. Powder Form Set Retarding is formulated to extend the setting time of concrete while improving concrete quality. It does not contain any calcium chloride or other potentially corrosive materials and is compatible with all standard concrete admixtures.

PRODUCT FEATURES

- Keeps concrete in a plastic state for reuse or extended delivery time requirements.
- Fewer environmental problems associated with the disposal of waste concrete.
- Saves labor, equipment and freight cost by eliminating disposal of waste concrete.
- Eliminates the need for expensive reclaiming or recycler units with high maintenance costs.
- Improves concrete workability.
- Allows wash water stabilization for extended periods of time.
- No need for admixture dispensers because Powder Form Set Retarding is packaged in water-soluble bags for convenient use at the plant or Job site.

PRODUCT USES

AEA™ is used as a retarding admixture in structural and mass concrete where a controlled extension of setting time is required, such as:

- Large volume pours
- Avoidance of cold joints
- Construction joints without formwork
- Long hauls
- Difficult placing conditions
- Elevated temperatures
- Re-vibrated concrete

HOW TO USE

DOSAGE

- The dosage is generally 1.0-3.0% of the cementitious material. In the preparation of high strength concrete, the dosage can be 3.0-5.0%. The specific dosage should be determined by test.

MIXING

- Generally, add into the mixer at the same time with the mixing water and stir until the specified time.

LIMITATIONS

- Exact dosage rates of AEA™ can be determined by air meter test in trial mixes.
- High air content will most likely have a detrimental effect on strengths. For additional information, please contact AFZIR.

COMPATIBILITY

PSR™ admixture is compatible with all air entraining admixtures, calcium chloride and other admixtures. When used with other admixtures, each one must be dispensed separately into the mix.



Powder Form Set Retarding - PSR™

STORAGE

PSR™ admixture should be stored in a dedicated warehouse that is well-ventilated and dry. Its shelf life is one year, if after the expiration date, it can continue to use when the testing results fall within the established range.

SAFETY

Chemical goggles and gloves are recommended when transferring or handling this material.

TRANSPORTATION

This product is non-toxic and non-explosive. It can be transported by truck, ship and train.

DISCLAIMER OF LIABILITY

AFZIR, LLC warrants its products to be free from manufacturing defects. Buyer determines suitability of product for use and assumes all risks. Buyer's sole remedy shall be limited to replacement of product. Any claim for breach of this warranty must be brought within six months of the date of purchase.

AFZIR shall not be liable for any consequential or special damages of any kind, resulting from any claim or breach of warranty, breach of contract, negligence or any legal theory.

The Buyer, by accepting the products described herein, agrees to be responsible for thoroughly testing any application to determine its suitability before committing to production.