

PRODUCT DESCRIPTION

PSA™ is a powdered accelerator intended for use with cementitious based materials. PSA™ improves the properties of plastic and hardened concrete, with significant improvements in early strength gain and setting characteristics, improved workability and decreased bleeding and segregation. PSA™ works well at all temperatures but has shown benefits in the 2°C to 10°C. PSA™ contains no added chlorides or chemicals known to promote the corrosion of steel.

PRODUCT FEATURES

- Reduces initial set 1 to 4 hours depending on concrete temperatures
- Improves workability and provides denser concrete
- Minimizes bleeding and segregation
- Improves compressive strength development at early ages
- Can be site added for unanticipated conditions
- Convenient packaging for hassle-free addition

HOW TO USE

DOSAGE

1 bag of PSA™ is typically used per cubic yard of concrete or 306 kg of cementitious material to achieve approximately 1 hour of acceleration. Performance will vary depending on materials, ambient conditions and additional admixtures contained in the mix. Dosage can be increased to deliver faster setting or to offset slower setting in lower ambient temperatures.

MIXING

Each 0.9 kg package is double bagged. Remove the outer bag and add the entire inner soluble PSA™ bag and contents to the plastic/wet concrete. The entire inner bag will easily dissolve.

Thoroughly mix at high speed for a minimum of 5 minutes.

LIMITATIONS

- Keep concrete from freezing until a minimum of 7 MPa is achieved.
- Keep unused bags in sealed container until ready to use.
- In all cases, consult the Safety Data Sheet before use.

APPLICATION

- Cold weather conditions
- Underground construction
- Precast and post tensioned concrete
- Ready Mix concrete
- Cementitious materials

STORAGE

PSA™ 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.

SHELF LIFE

1 year in original, unopened container.



Powder Form Set Accelerating - PSA™

PACKAGING

PSA™ is packaged in 5 gal. pails containing 0.9 kg dissolvable inner bags.

SAFETY

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

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.