

PRODUCT DESCRIPTION

SFS™ is a high quality silica fume slurry for high performance concretes. It changes the porous structure of the concrete making it denser and more resistant to any type of external influence.

PRODUCT FEATURES

- Increased strength
- Substantially improved resistance to chemical and mechanical attack
- Prevents bleeding and segregation in fresh concrete
- Reduced accelerator consumption
- Very thick layers possible
- Dust reduction in dry-mix application

APPLICATION

- Wet-mix and dry-mix sprayed concrete applications
- Pre-cast concrete
- Cast in-situ concrete
- High strength concrete
- Underwater concrete
- Concrete with low cement content
- Annulus grouting (TBM)

HOW TO USE

DOSAGE

The recommended dosage is 5 to 20 % slurry by weight of binder.

MIXING

SFS™ is added to the concrete during batching, and should be mixed before use. In the dry-mix process, it is added with the mixing water at the nozzle.

PACKAGING

SFS™ is supplied in 20 kg plastic cans, 1400 kg containers or in bulk.

STORAGE

The minimum storage temperature for SFS™ is +5°C. Please contact AFZIR prior to the use of any product that has been frozen. If stored in tightly closed containers and under the above conditions, SFS™ has a shelf life of approximately 3 months. Periodical remixing can extend the shelf life further.

SAFETY

Avoid contact with eyes and prolonged contact with skin. If contact occurs, wash thoroughly with water and seek medical advice. For further information, refer to the product Material Safety Data Sheet.

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.



Silica Fume Slurry - SFS™

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.