

FA-1 Fly Ash Accelerator



LIBERTY



Applications:

FA-1 is used to enhance compressive strength development of cement systems containing pozzolanic materials. FA-1 is typically incorporated into lightweight cement systems to improve low temperature strength development. Trican systems utilizing FA-1 can convert low hydrostatic cement blends from economic fill blends to high quality completion cement.

Properties:

Appearance White Powder
Specific Gravity 2.4 g/cc
Solubility 100% Water Soluble

Advantages:

- Improves strength development for cement blends containing: Fly-Ash, Silica Fume, Blast Furnace Slag.
- Free water control characteristics
- Low concentrations required (0.5 to 3.0% BWOC)
- Acceleration properties, eliminating additional accelerators
- Predictable thickening times and strength properties

Disadvantages:

- Increase slurry viscosity as FA-1 concentration increases.
- FA-1 is part of the base blend, not a cement additive

Handling Precautions:

- Contact with skin and eyes should be avoided.
- Work in a ventilated area; use of goggles & dust mask required.

