Acti-Gel 208 Purified Magnesium Aluminosilicate

Technical Data Sheet

General Overview:
Acti Gel 208 additives aids in stabilizing mixtures, providing superior particle suspension and improves the workability, flowability and pumpability of high solids formula's.

Concrete
Acti-Gel 208 high-performance additive will enhance most concrete applications. With the ability to eliminate segregation and reduce bleeding it provides stable concrete products. From Self-Consolidating Concrete (SCC) to concrete paving; Acti-Gel 208 additive stabilizes the mix and improves work ability which easily benefits many cementitious projects.

Mining
Acti-Gel 208 additives provides superior particle suspension, stabilizes mixtures and dramatically improves the workability, flowability and pumpability and the performance of high solids formulas. Uses in mining include slurry pipelines, tailings, backfill, mine seals and shotcrete applications. Acti-Gel 208 additives helps builds the carrier fluid preventing coarse particles from riding on the bottom of the pipe. The product enables increased flow rates and lower pressure loss and is not affected by attrition, abrasion, high shear, grinding, pH or salt concentration. Acti-Gel 208 additive works best in water and brine-based systems where particulate solids are present.

Guidelines for Use
Acti-Gel® 208 can be added in the mixing sequence at various stages depending on the application, using a recommended dry dosage range of ~0.03% to ~0.10% (total dry weight material basis) or 1.5 lbs. ~ 4.0 lbs. per yd^3 in aqueous solution. Please contact your local representative for recommendations. Acti-Gel® 208 must be mixed with sufficient high shear to become fully dispersed with the constituents. Mixing at high shear in a ready-mix truck with a conventional charge of aggregate is usually sufficient. If Acti-Gel® 208 is added last, a minimum of 10 minutes of

mixing time is required. Three to five minutes in a small concrete drum mixer is also adequate. For laboratory preparations without aggregate, mixing at high speed for at least 5 minutes in a Waring-type blender is recommended.

Safety Precautions
Normal safety wear such as rubber gloves, dust masks and safety glasses used to handle conventional cement-based products should be worn. Safety Data Sheets (SDS) are available upon request.

Website
For more information about Multicrete Group and all our related products visit us at https://multicretesystems.com/ or call us at (204) 262-5900

REFERENCES

Active Minerals (Acti-Gel Purified Magnesium Aluminosilicate - https://activeminerals.com/products/acti-gel-208/)

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