



PERMEABLE



AQUAERIX™ is an advanced, patented, synthetic foaming agent that utilizes an open-cell technology. AQUAERIX bubbles coalesce creating a capillary-like structure allowing water to pass through. When mixed with a cement slurry, AQUAERIX produces a permeable low-density cellular concrete used in geotechnical applications where increased drainage or reduced buoyancy force is important.

NON-PERMEABLE

AERLITE-iX™ is the new generation of foam technology. The fully synthetic foam liquid concentrate in the AERLITE family of foaming agents is engineered to produce a more flexible bubble structure which allows for extended pumping distances and increased lift heights. AERLITE-iX is predominantly used in geotechnical construction applications.

AERLITE™ foam liquid concentrate is a hybrid formula that uses the performance of the protein-based products and combines them with the agility of the straight synthetic products. The AERLITE family of foaming agents, most commonly used in geotechnical applications, produces a low-density cellular concrete when combined with a cement slurry.

AERLITE-R™ is a fully synthetic foam liquid concentrate that is specifically formulated for annular fills. It is designed to be highly flowable for pumping long distance in tight tolerances. As with the entire Aerix Industries family of foaming agents, AERLITE-R conforms with standard specifications of ASTM C869 when tested in accordance with ASTM C796.

AERLITE HCR is a synthetic foaming agent designed for high carbon resistance applications, which allows it to be used with mix designs that incorporate high carbon quality fly ashes. AERLITE HCR foam is formulated to remain stable even when used with high carbon Class F and Class C fly ashes. Each project should be laboratory tested with local materials to confirm expected compatibilities.



MEARLCRETE™ is a traditional protein-based foam liquid concentrate using a formula that has been proven since the 1940's. Protein formulas produce a rigid bubble structure which allows for a stable foam for the use in predominately above grade construction applications. MEARLCRETE has a UL rating and appropriate FM approvals, which allows for flexibility in the roofing industry.



ARX-Transport™ is a synthetic liquid foam concentrate engineered to produce a pre-formed foam to transport solid materials such as mine tailings, crusher fines, or sand, either through a pipeline or for large void fill. Using foam technology as a transport medium dramatically reduces the amount of water needed to move materials compared to traditional methods, reducing dewatering.

AERFLOW is a synthetic liquid foam concentrate formulated for the production of controlled low strength material (CLSM), more commonly known as flowable fill or flow fill. 3 oz of AERFLOW per cubic yard of finished concrete will increase the slump of the initial mix from 1.5 inches to 7-9 inches. Yields can be increased by 20-25%.



Aerix Industries™
Engineering Solutions for Project Savings