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AquaFix Series

AquaFix Series is AquaSol's line of next-generation, bio-based water retention aids designed for paper, packaging, and coating applications. Developed from renewable, starch-based chemistry, AquaFix delivers effective water retention without the rapid viscosity build commonly associated with traditional retention aids.

Engineered and manufactured in the USA, AquaFix enables improved coating performance while supporting sustainable, environmentally responsible production processes.



Performance and Economy

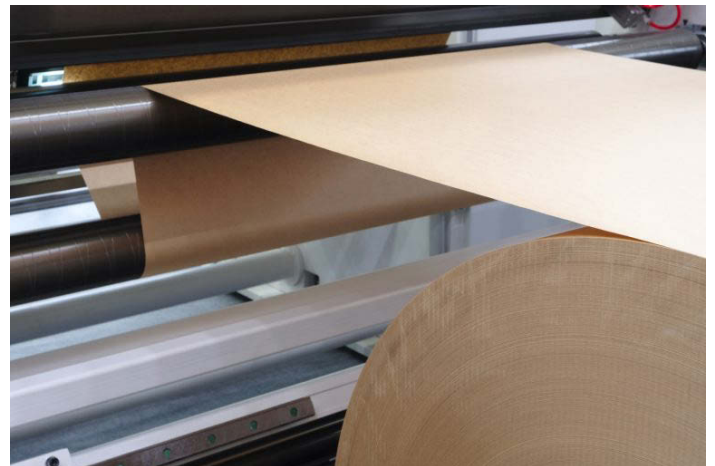
AquaFix Series provides superior water retention while maintaining a controlled viscosity profile, allowing manufacturers to optimize coating formulations without sacrificing processability. Unlike conventional ASE, HASE, and some natural thickener systems, AquaFix minimizes excessive viscosity buildup, improving coating control and application consistency.

Its performance enables higher coating solids, improved film uniformity, and enhanced runnability, contributing to more efficient production and reduced variability. By balancing water retention and viscosity, AquaFix supports better machine performance and overall process stability.

As a bio-based solution, AquaFix offers a sustainable alternative to synthetic retention aids while helping reduce operational challenges associated with over-thickening and poor flow characteristics.

Applications:

- Paper and packaging coatings requiring water retention control
- Barrier coatings and functional paper systems
- Formulations requiring improved runnability and coating uniformity



Environmental

AquaFix Series is derived from renewable, starch-based materials and is designed to support environmentally responsible production. It should be handled and used in accordance with local, state, and federal regulations.

Characteristics

- Appearance Off White Powder
- Ionic Character Anionic
- Moisture <12%
- pH 8-10

Applications

- Paper and Packaging
- Specialty Paper
- Barrier Paper

Environmental

- Fully biodegradable

Packaging and Product Form

- 50 lb paper sacks
- Private Label