

# GLOBAL AQ ACRYTHIX



THE GLOBAL  
TEXTILE CHEMICALS

GLOBAL AQ ACRYTHIX is an advanced additive designed for synthetic thickening in aqueous-based pigment printing applications. It is a direct, eco-friendly replacement for kerosene-based emulsions, offering rapid dispersibility and forming a smooth, easy-to-handle paste. This product ensures excellent color yield, superior fastness, and delivers a soft fabric handle after printing. GLOBAL AQ ACRYTHIX is a concentrated synthetic thickener that provides high color brilliancy and a soft touch, making it ideal for high-quality textile prints. It is a high-performance thickener requiring less dosing compared to conventional products, helping to maintain process efficiency and reducing costs. Its superior formulation ensures vivid, bright prints while preserving the softness of the fabric.

The formulation process is flexible and should be adjusted based on local factors such as water hardness and equipment setup. A recommended standard formulation includes GLOBAL ACRYTHIX at 1.3% to 1.6%, GLOBAL FIX CEL at 1% to 2%, water at 70%, and pigment colors making up 22%. These components should be well mixed to achieve a uniform, stable printing paste. Stir thoroughly to ensure consistency before application.

For the curing process, apply one even layer of the recommended mixed printing ink onto the fabric. Curing should be done at 160°C (320°F) for three minutes to fix the colors and achieve the best durability and finish. Proper curing ensures a brilliant finish and wash resistance. The shelf life of GLOBAL AQ ACRYTHIX is one year from the date of manufacture under ideal storage conditions. Store the product between 65°F and 95°F (18°C - 35°C) in a cool and dry environment. Always keep the container tightly closed to avoid drying out, contamination, and exposure to humidity. Maintaining these conditions helps preserve the performance and quality of the thickener over time.

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