

GLOBAL AQ WB



GLOBAL AQ WB is a PVC and Phthalate-free ink designed for excellent storage stability and outstanding wet-on-wet printing performance. It represents a revolution in fabric and screen printing by combining advanced polymer technology with the purest pigments. GLOBAL AQ WB is a highly concentrated synthetic product used for thickening pigment printing pastes without affecting the color quality of pigment dyes. It blends easily with other standard pigments to produce perfectly printed substrates with vibrant results and smooth finishes. The ink boasts high wash resistance, ensuring long-lasting prints even after multiple washes. It is very easy to blend with pigments, offering convenience and flexibility during the printing process. Additionally, it is formaldehyde-free and APEO-free, aligning with modern eco-friendly printing standards.

For the formulation process, the use of GLOBAL AQ WB should be adapted to suit local conditions like water hardness and equipment type. It is used directly from the container for pigment thickening purposes, and should be stirred well before use to ensure uniform consistency. A typical formulation includes 94–99% GLOBAL AQ WB and 0.1–6% GLOBAL PE Pigment Colours, depending on the color intensity required. The curing process involves applying one layer of the mixed printing inks onto the fabric and curing it at 160°C for 3 minutes to ensure the best adhesion and durability. Proper curing is essential to achieving the intended vibrant and durable print finish. Shelf life is one year from the date of manufacture when stored correctly.

The recommended storage temperature is between 65°F and 95°F (18°C to 35°C). It should be kept in a cool, dry environment, and containers must be tightly sealed to prevent drying, humidity exposure, and contamination, preserving ink quality for optimal use.

IDEAL FABRIC
100 % cotton or polyester blends

STORAGE
In cool dry and properly closed
(18°C to 32°C)

ADDITIVES
3 % if require for dark
color prints

CLEAN UP
Wash off screen using
water and mild detergent

CURING
160°C for 3 minutes

MESH
80-180 +/-in

APPLICATION
1 to 7 % by weight

SQUEEGEE & STENCIL
solvent & Water resistant emulsion
60-75 duro meter sharp edge

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