



SILKFLEX POLYMERS SDN BHD (545022-T)

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AQUADIS WHITE / CLEAR

Water-based Binder Paste for Impressionist Silkscreen Printing

Type	Chemical Composition	Supplied Form	Ionicity	pH
Aquadis White	Titanium dioxide + binder	High viscosity white paste	Anionic	>7
Aquadis Clear	Binder concentrate	High viscosity pale yellow paste	Anionic	>7

Properties

Aquadis White / Clear are formulated for screenprinting on cotton-based fabric to create the 'discharge effect'. Aquadis White / Clear absorbs deep into the fibres and when fully cured do not affect the feel of the fabric. Hence, you can achieve a fully breathable print on cotton and retain the texture and handfeel of the original fabric. Prints with Aquadis White / Clear are not designed to be as bright and brilliant as rubber inks because emphasis is on the handfeel. Hence, Aquadis White / Clear is most suitable for prints that provide the 'antique' or 'rugged' look. Of course, Aquadis White / Clear can be used with Silkflex rubber inks in order to achieve the best combination between 'ruggedness' and brilliance. Unlike conventional discharge inks, Aquadis White / Clear is non-toxic and is completely free of formaldehyde, heavy metals, azo and other toxic materials.

Aquadis White – Opaque and flexible with white tone. Suitable for prints on dark fabric.

Aquadis Clear - Transparent and flexible. Suitable for colour prints on white and light colour fabric. Well suited for process and tone colour prints. Aquadis Clear can be mixed with Aquadis White in any proportion as per requirement.

Application Procedure

Aquadis White / Clear are thixotropic and can become more viscous when left standing for prolonged periods of time. However, the viscosity will reduce with stirring or agitation during the usual process of printing. Aquadis White / Clear are suitable for silkscreen prints with screen mesh sizes of up to 180. Mix in the appropriate colourants directly into Aquadis White / Clear and print directly onto fabric. Leave the prints to air dry for 4-6 hours before heat curing. Nylon Oxal (1-3%) can be added if better wash fastness is required. Curing can be carried out by using an oven (150°C for 2 min.) or hotpress (140°C for 10 s.).

Storage

Do not exceed one year from date of manufacture. Protect from frost (>5°C). Keep lids tightly closed at all times after use.