

## **AQUASOL ANTI MIGRATION SEALER G**

Transparent Water-based Sealer for the Prevention of Fabric Dye Migration

Type	Chemical Composition	Supplied Form	Ionicity	pH
Anti Migration Sealer G	Polymer blend	High viscosity translucent paste	Anionic	>7

### **Properties**

Aquasol Anti Migration Sealer G is a proprietary blend of polymers that can provide excellent barrier against dye migration from the fabric into the print. The problem with the migration of dye can be quite serious and can cause white inks to appear pink on red fabric or grey (even red) on black fabric. Some suppliers of inks have formulated sealers with activated carbon to absorb the migrant dye and have been moderately successful. However, these sealers are black in colour (due to the carbon content) and are not quite elastic. Consequently, many other problems arise from the use of these carbon-based sealers even though the problem of dye migration is minimised. The Aquasol Anti Migration Sealer G is formulated to capture migrant dye molecules and yet it is extremely transparent, soft and elastic. The Anti Migration Sealer G represents a breakthrough in terms of screenprinting ink technology and is used worldwide for highly 'sensitive' fabric for many top brands.

### **Application Procedure**

Mix Aquasol Anti Migration Sealer G with 1-2% Aquasol Cross Fixer and print one to two coats directly onto cotton, polyester or blends of these two types of fibres. Print Aquasol Aquaprene White/Clear (SD) or Aquasol EcoNylon White/Clear or other suitable inks directly onto the Anti Migration Sealer G. Allow the print to air dry for 4-6 hours. Apply hotpress or oven curing at ~150°C. Mix additional 1-3% of Aquasol Part B into the Anti Migration Sealer G (together with Aquasol Cross Fixer) for pure nylon or other difficult fabric. The mixture with Part B is reactive and has a potlife of about 24 hours. Aquasol Cross Fixer helps capture migrant dye by forming an extensive chemical network in the print. Aquasol Part B is used as an adhesion promoter on difficult substrate.

### **Storage**

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