



# PRODUCT DATA SHEET

## WBX

---

### WBX

## Water Base Pigment Mixing System

---

#### Product Overview:

Accurately mix your own Pantone colors using only a scale, WBX bases and WBX pigments. Formulas are available in the WBX Matching System Software which is available for download on our website [www.qcminks.com](http://www.qcminks.com). Weigh in pigments and bases per formula instructions and mix well. Remember, this is an air-dry product, so keep containers covered. Then print per directions below.

#### Printing:

All WBX Bases print the same. However, each one has subtle nuances. QCM encourages you to read the data sheets on the **DIS-SWBS Sweet Discharge Base**, **DIS-BSE Discharge Base**, and the **RFU-EXT Extender Base**. When mixed the WBX Pantone mixes have excellent screen open times. See the data sheet for the base you are using for more detailed information.

Remember to finish your print with a flood of your image. This will help keep the image area from drying out. The QCM WBX inks have excellent anti-croaking properties when fully cured. Test for croaking after curing by wetting and rubbing printed surfaces with a white piece of shirt material. If croaking (rubbing off) is happening, more drying time may be required. Machine wash to determine the long term durability of the print. Each fabric will be somewhat different.

#### Stencil:

Use any water resistant direct emulsion or capillary film.

#### Additives and Modifiers:

**WB-BNDR:** An additive meant to be used whenever adding extra pigment to an existing formula is needed. Binder is used to promote adhesion of the pigment to the finished ink layer. Use WB-BNDR at a 2:1 ratio with the pigment you are adding to your ink.

**WB-FIX:** An additive used to insure proper adhesion of the ink to the substrate/garment. Use WB-FIX by adding 2-4% by weight to the ink to be used. Do not exceed 4%.

**WB-LUB:** An additive that promotes the retention of water in water base inks, creating longer screen open times. Use WB-LUB at up to 5% by weight. Do not exceed 5%.

**WB-PEN:** An additive that promotes ink flow in water base inks. WB-PEN allows the water base ink to penetrate deeper into the fabric you are printing on. Use WB-PEN Penetrant at 1-3% by weight into your finished ink. Do not add more than 3%.

**WB-SFT:** An additive designed to increase the soft hand feel of finished water base prints. Use WB-SFT Softener at 2-4% by weight to your finished ink and test. Do not exceed 4%.

#### Flashing:

Follow the flash instructions from the data sheet for the base you are using.

#### Curing:

Consult the data sheet for the base you are using for proper cure instructions.

#### Cleanup:

Use any of the commercially available products for the cleanup of water base inks. Warm water and soap works as well.