

## SP 215 SOFT PRINTING BASE – WB

### TECHNICAL DATA SHEET

#### USING FIELDS and PROPERTIES

It is a water based printing paste used to obtain vivid colors and extra soft touching effect. It can be used for CMYK printings. It can be printed on white and light colored cotton and cotton – polyester blend fabrics. If cured correctly as advised, the dry-wet rubbing and washing fastness are high. Rubbing and washing tests should be applied 24 hours after curing. Suitable to ecological standards.

#### PHYSICAL-CHEMICAL PROPERTIES

**Appearance** : Transparent paste  
**pH** : 5,5-7 (25 °C/ 77 °F)  
**Density** : 0,99 g/ cm<sup>3</sup> (25 °C/ 77 °F)  
**Viscosity** : [(25 °C) sp: 7, rpm: 20 Brookfield ] : 30.000 – 40.000 [mPa.s]

#### APPLICATION

**Screen** : Silk screens that are made of 43 cm/110 inch mesh 70 micron silk – 90 cm/230 inch mesh 40 micron silk should be used.  
**Squeegee** : 57 – 62 Shore U type squeegee should be used.  
**Mixture** : To color SP 215 Soft Printing Base – WB, OP series (1-5 %) or FR series (5-15 %) pigments are added.  
To reduce the viscosity, SP 209 Regulator can be added (1-3 %) into SP 215 Soft Printing Base – WB.  
Never use water to reduce the viscosity. Before use, please stir the ink well. Do not use any additives that are not advised.  
After using, the screen should be cleaned with the water.  
**Curing** : Should be cured at 160 °C/320°F for 1,5 minutes.

#### SAFETY and STORAGE

It does not contain harmful substances for inhalation and skin when used. However in case of contact to sensitive organs, such as eyes or mouth wash with plenty of water. If necessary, medical assistance is advised. Keep containers dry and tightly closed. Store in a ventilated place between (+5)-(+30) °C/(+41)-(+86)°F of temperature. It should be consumed within 12 months after the production date.

#### PACKING

In 30 kg and 60 kg or 5 gal and 15 gal of plastic packings.

The technical application and information that have been given above, are designed only as using instructions. Should not be considered as a warranty for any other use. When any help or assistance is required, our technical department is ready for help.