

SP 295 METALIC BASE – WB

TECHNICAL DATA SHEET

USING FIELDS and PROPERTIES

It is a water based printing paste used to obtain a bright, elastic and soft touching metallic effect in textile printing. It can be printed on cotton and cotton – polyester blend fabrics. If cured correctly as advised, the washing fastness is high. Washing test should be applied 24 hours after curing. Suitable to ecological standards.

PHYSICAL-CHEMICAL PROPERTIES

Appearance : Transparent paste
pH : 6,5-8 (25 °C/ 77 °F)
Density : 1,02 g/ cm³ (25 °C/ 77 °F)
Viscosity : [(25 °C) sp: 6, rpm: 10 Brookfield] : 5.000 – 10.000 [mPa.s]

APPLICATION

Printing : SP 295 Metallic Base – WB can be mixed with any type of metallic powder. To obtain more coverage and brightness double print is advised. Metallic powder can be added as 10-15%

Screen : Silk screens that are made of 32 cm/80 inch mesh 80 micron silk – 43 cm/110 inch mesh 70 micron silk should be used.

Squeegee : 57 – 62 Shore U type squeegee should be used.

Mixture : To reduce the viscosity, SP 209 Regulator – WB can be added (1-3 %) into SP 295 Metallic 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 8 kg, 30 kg and 60 kg or 1 gal and 5 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.