

SP 236 FOIL ADHESIVE – WB

TECHNICAL DATA SHEET

USING FIELDS and PROPERTIES

It is a water based printing paste used to achieve elastic and soft touching foil effect with maximum brightness and high washing resistance in textile printing.
It can be printed on cotton, cotton – polyester blends and polyester 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 : 6-7,5 (25 °C/ 77 °F)
Density : 0,98 g/ cm³ (25 °C/ 77 °F)
Viscosity : [(25 °C) sp: 7, rpm: 20 Brookfield] : 60.000 – 80.000 [mPa.s]

APPLICATION

Printing : To obtain the best brightness and washing resistance from SP 236 Foil Adhesive – WB it is important to use foil with high quality.
After printing SP 236 Foil Adhesive – WB on the fabric, it should be cured.
When the curing is completed, the foil is pressed on the print to obtain foil effect.
To remove the foil from the printing surface, it is necessary to wait until the printing surface is getting cool.

Screen : Silk screens that are made of 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 236 Foil Adhesive – 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.

Press : It should be applied at 160 °C/320 F temperature, at 4 – 6 bars pressure, in 10 – 15 seconds for hand press.
It should be applied at 160 °C/320 F temperature, at 4 – 6 bars pressure, in 20 – 25 seconds for continuous press.

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.



Akçaburgaz Mah. 109. Sokak
No: 8-12 Esenyurt/İSTANBUL
+90 212 875 77 50 (3 lines)
+90 212 875 08 22
info@anadolukimya.com
www.anadolukimya.com

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