

ESTELAN B 700-05

1. DESCRIPTION

ESTELAN B 700-05 is a universally applicable two-component screen lacquer which is highly resistant to solvents and chemicals. It is used on top of the mesh around the edges of the frame to protect the screen adhesive from aggressive solvents.

2. APPLICATION

Mix ESTELAN B 700-05 in a 3:1 weight ratio with the corresponding HARDENER RD by mixing 100% ESTELAN B 700-05 and 33.5% HARDENER RD. After stirring thoroughly, the lacquer can be applied with a brush or a coating trough.

The potlife of the mixture is approximately 12 hours at 70 degrees Fahrenheit.

WARNING: ESTELAN B 700-05 may attack frame adhesives if they are not cured properly. See technical data sheet for KIWOBOND frame adhesives.

Extreme conditions or continuous exposure to solvents in screen washing units may require an increase in the hardener proportion to 1:1. However, elasticity of the lacquer is somewhat reduced, therefore, it should not be coated onto the mesh itself.

2.1. Drying / Curing

The drying time depends on environmental conditions and varies between 1-2 hours. For chemical resistance the lacquer needs a reaction or curing time of approximately 48 hours at 70 degrees Fahrenheit. The curing time can be shortened by heat setting the DRY lacquer at elevated temperatures.

Curing at 130 degrees F: approx. 8 hours

Curing at 175 degrees F: approx. 2 hours

2.2. Cleaning / Removing

Cured ESTELAN B 700-05 is generally difficult to remove; therefore clean tools immediately after use with a general cleaning solvent.

Removal from the screen is relatively easy if used in combination with KIWOBOND frame adhesive. Simply peel the mesh of the frame. With other adhesives or if applied in thick layers use PREGAN DL or remove the lacquer / mesh with a sander.

3. PHYSICAL DATA

Color:	Blue
Consistency:	Viscous liquid
Shelflife:	1 year at 68° Fahrenheit (20° Celsius)
Flash point:	ESTELAN B 700-05: 75° F HARDENER RD 34° F
TLV:	ESTELAN B 700-05: 150 ppm n-butyl acetate HARDENER RD: 400 ppm acetate 750 ppm acetone .005 ppm TDI
HMIS rating:	Health - 2 Flammability - 4 Reactivity - 1

4. PERSONAL PROTECTION

ESTELAN B 700-05 and HARDENER RD are highly flammable. Keep away from sources of ignition. DO NOT SMOKE. Do not breathe fumes. Working areas must be well ventilated. Avoid contact with eyes and skin. Wear chemical-splash eye goggles and protective gloves. Use respiratory protection if exposure limits are exceeded. See Material Safety Data sheet for additional information.

5. ENVIRONMENTAL PROTECTION

Do not empty into drains. Completely hardened and dried lacquer can be eliminated as non-hazardous solid waste. Consult your local authorities for local regulations.

6. Packaging

750 gram sets

7. ADDITIONAL INFORMATION

For additional product information, please visit our web site at www.kiwo.com. For further information contact your KIWO distributor or KIWO direct.

Thank you for choosing **KIWO**.