

ESTELAN[®] NDW

Two-component screen lacquer

ESTELAN NDW is an elastic two-component screen lacquer for the post-lacquering and reinforcing process. It protects the photoemulsion against aqueous, acidic, alkaline and abrasive printing pastes. Furthermore, ESTELAN NDW can be used for blocking out. After curing, it is highly resistant to solvents, as e.g. alcohols, glycols, ketones, ester, white spirit and aromatics, as well as aqueous chemicals, acids and alkalines in concentrations commonly used in screen and textile printing.

APPLICATION

Mix ESTELAN NDW and the respective hardener KIWODUR RD in a ratio of the weight of 750 g lacquer + 250 g hardener.

Before taking out partial quantities of the container, the lacquer should be stirred thoroughly. Then the hardener has to be added to the quantity of lacquer required. Mix both components well.

ESTELAN NDW is applied by brush or coating trough. Then pass the screen across a suction device or remove the lacquer from the design with a rag soaked with KIWOSOLV L 74. After drying and partial curing of the first lacquer layer, the other side of the screen can be post-lacquered. If the lacquer is removed manually or if it is necessary to repeat part of the process in order to get a perfect result, full curing must be achieved.

DRYING TIME

Approx. 90 min. (depending on the coated thickness)

CURING TIME

Approx. 2 days (at 20 °C). Curing time can be reduced by storing at higher temperatures. However, only dry lacquer should be heat-cured. Curing time at 50 °C is approx. 8 hours, at 80 °C approx. 4 hours.

POTLIFE

Approx. 8 hours (at 20 °C)

REDUCING

KIWOSOLV L 74

CLEANING

Uncured: KIWOSOLV L 74
Cured: PREGAN DL or -266

As it is very difficult to remove cured ESTELAN NDW, working tools have to be cleaned immediately after use.

COLOUR

Blue

VISCOSITY

Approx. 70 s (cup DIN EN ISO 2431, 23 °C, 4 mm nozzle)

FLASHPOINT

ESTELAN NDW: approx. + 25 °C
KIWODUR RD: approx. - 1 °C

SAFETY ADVICE /



**ENVIRONMENTAL
PROTECTION**

Please see information given in the Material Safety Data Sheets of the products used.

STORAGE

2 years (at 20-25 °C and in closed original container)