

## ESTELAN<sup>®</sup> Y 224-03

### Screen lacquer for protecting the adhesive in the screen mesh bonding area

ESTELAN Y 224-03 is a humidity-curing, one-component lacquer. After hardening it has a very good resistance to solvents and chemicals. Mainly used to protect the screen adhesive (e.g. KIWOBOND series) against aggressive solvents especially used in screen washing units. ESTELAN Y 224-03 has a perfect adhesion to screen adhesives, meshes, photoemulsions, wood and metal.

#### APPLICATION

Apply ESTELAN Y 224-03 with a brush onto the adhesive to be protected. The lacquer film should be a little wider than the width of the adhesive thus avoiding solvents to get underneath the lacquer. Lacquering the edge between the frame and the screen mesh (on the inside of the screen) is also recommended.

Notice: KIWOBOND screen adhesives can only be lacquered after a drying / curing time of approx. 2 - 4 hours (see separate technical information sheets). After use, thoroughly close the container as ESTELAN Y 224-03 is humidity-curing.

#### DRYING TIME

Approx. 2 - 3 hours (depending on the coating thickness, room temperature and humidity). Lacquered frames are block-free and hence stackable after approx. 5 - 6 hours.

#### CURING TIME

Approx. 2 - 3 days (at 20°C and 60% relative humidity). Curing time can be reduced to approx. 3 hours if the lacquered screen is stored at 80°C and higher air humidity (moistened rags, open water containers) in a drying cabinet.

#### REDUCING

KIWOSOLV L 74

#### CLEANING

Unhardened:           KIWOSOLV L 74  
Hardened:             PREGAN DL or PREGAN 266

Hardened ESTELAN Y 224-03 is difficult to remove. Clean all contaminated tools immediately after use.

#### NOTICE

Please note that the resistance of a screen lacquer is influenced by a lot of parameters e.g. curing time, ambient temperature, surface, reaction time of chemicals etc. Therefore, please accept our offer and test the suitability of our products by asking for free-of-charge samples, as we can only guarantee a constant quality according to our own working conditions.

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#### COLOUR

Light yellow, dries transparent

#### VISCOSITY

Approx. 55 s (DIN EN ISO 2431-cup, 4 mm nozzle)

#### FLASH POINT

Approx. +51°C

#### HEALTH HAZARDS/ ENVIRONMENTAL PROTECTION

Please follow further information given in the material safety data sheet.

#### STORAGE

6 months (at 20°C and tightly closed original container).