

# Graphic Screen Inks

POP Display  
Signage

## KORRIPAK KK

High gloss screen inks for pre-treated fluted polypropylene and other substrates.

### Features

- Wide adhesion range
- Oil based
- High gloss finish
- Faster drying
- Good opacity
- Superior flexibility
- Low viscosity rheology
- Suitable for machine and manual printing
- One year outdoor durability
- Colour matching capability

### Substrate

Wide range of substrates such as:

Flame or corona treated polypropylene, pre-treated HDPE and LDPE polycarbonate, acrylic, coated polyester, ABS, paper and board.

TEST INKS ON SUBSTRATES  
BEFORE PRODUCTION RUN

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## Thinning

Maximum of 15% by weight of ink. The recommended thinners are:

SS-521- Reducer

SS-643- Slow reducer

Note: The slow reducer will increase the drying time of print, whilst the reducer will not change the drying time of the print.

## Mesh

Print Korripak KK inks through 90/cm to 120/cm, monofilament polyester fabric, depending on the application.

## Stencils

Stencils can best be prepared with Sericol's stencil making products

n Xtend Prep 101 for abrasion of screen

n Xtend Prep 102 for degreasing of screen

Emulsions: Dirasol 902 or Dirasol 915

## Drying

Air dry: 30-45 minutes. Do not stack prints immediately. Allow sufficient time for through cure.

Jet dry: 60 degree centigrade, for up to 60 seconds.

## Coverage

Korripak KK inks should give coverage of 40 to 45 sq.m./ kg, when printed through a 90/cm mesh.

## Wash-Up

Wash up screens with SS-639 Universal Screen Wash. This will ensure long life of stencils made with Dirasol emulsions.

## Pre-Production Test

End user must determine suitability of this product for the intended use prior to production.

Always test for adhesion and other properties before each production run because there can often be significant differences between substrates from different manufacturers and even between different batches.

## Colour Range

The Korripak KK is available in 15 standard, intermixable colours, a trichromatic set and a flubond aid (KK-796).

### Standard Colours

KK- 001 Korripak KK Black

KK- 021 Korripak KK White

KK- 041 Korripak KK Light Yellow (T)

KK- 043 Korripak KK Mid Chrome (T)

KK- 064 Korripak KK Light Yellow (GS)

KK- 066 Korripak KK Mid Chrome (RS)

KK- 102 Korripak KK Deep Orange (T)

KK- 114 Korripak KK Orange (T)

KK- 121 Korripak KK Vermilion (T)

KK- 122 Korripak KK Scarlet Red (T)

KK- 127 Korripak KK Deep Violet

KK- 165 Korripak KK Magenta

KK- 204 Korripak KK Royal Blue

KK- 230 Korripak KK Blue

KK- 325 Korripak KK Green

### Trichromatic (Halftone) Colours

KK- 004 Korripak KK Trichromatic Black

KK- 052 Korripak KK Trichromatic Yellow

KK- 135 Korripak KK Trichromatic Magenta

KK- 215 Korripak KK Trichromatic Cyan

KK- 396 Korripak KK Trichromatic Ext.Base

KK-796 Korripak KK Flubond Aid

## Flubond Aid (KK-796)

The surface treatment given to polypropylene would decay over a period of time. Thus the surface tension on the substrate would reduce. This could cause inconsistency in the adhesion of the Korripak inks to the substrate. To ensure 100% adhesion, without the worry of surface treatment levels, it is recommended that Korripak KK-796 Flubond Aid be applied, with cotton, to the substrates prior to printing of Korripak colours.

## Application

The Korripak KK inks are intended for screen printing of POP display, signage, visiting cards & letter heads and container decoration.

## Storage

- 1) Keep inks in a cool place, away from direct sunlight.
- 2) Keep lids tightly closed when not in use.
- 3) Any unused ink should not be returned to the can, must be stored separately.
- 4) Shelf life is two years from the date of manufacturing. Stir well before every use.

## Safety and Handling

Products contain lead and therefore should not be used on objects liable to be chewed by children and may cause harm to unborn child.

**Important: The colour marked (T) are lead containing pigments, all other pigments are lead free pigments; however all the colours contain combination driers which are lead based and hence during analytical testing there is possibility of lead identification in ppm level. It is therefore necessary to test the lead /heavy metal levels for intended applications.**

Comprehensive information on the safety and handling of Korripak KK screen inks is given in the Material Safety Data Sheet, which is available on request.

## Environmental Information

Korripak KK ink system does not contain ozone-depleting chemicals as described in the Montreal Convention

*The information and recommendations contained in this Product Information sheet, as well as technical advice otherwise given by representatives of our Company, whether verbally or in writing, are based on present knowledge and believed to be accurate. However, no guarantee regarding their accuracy is given as we cannot cover or anticipate every possible application of our products and because manufacturing methods, printing stocks and other materials vary. For the same reason our products are sold without warranty and on condition that users shall make their own tests to satisfy themselves that they will meet fully their particular requirements. Our policy of continuous product improvement might make some of the information contained in this Product Information sheet out of date and users are requested to ensure that they follow current recommendations.*



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