



## Corripol CR Screen Inks

Corripol CR is designed for printing fluted polyolefin sheet used for temporary signs, displays, estate agent boards, etc.

### Colour Matching

#### The Seritone 'A' Matching System

The Seritone 'A' Matching System enables printers to readily match special colours in-house.

The system consists of 9 lead-free base colours, each selected for its cleanliness of tone and suitability for intermixing. Using the Seritone base colours plus Black, White and Varnish, almost any colour can be produced.

#### The Seritone 'B' Matching System

The Seritone 'B' Matching System contains 4 optional lead containing shades where high opacity is required.

### Standard Colours

Corripol CR:

CR001	Black
CR021	White
CR041 (B)	Light Yellow/Seritone Yellow (GS) (T)
CR064 (A)	LF Light Yellow/Seritone Yellow (GS)
CR043 (B)	Mid Chrome/Seritone Yellow (RS) (T)
CR066 (A)	LF Mid Chrome/Seritone Yellow (RS)
CR102 (B)	Deep Orange/Seritone Orange (T)
CR114 (A)	LF Deep Orange/ Seritone Orange
CR121 (B)	Vermilion/Seritone Red (YS) (T)
CR191 (A)	LF Vermilion/Seritone Red (YS)
CR122	Scarlet
CR164 (A/B)	Seritone Red (BS)
CR165 (A/B)	Seritone Magenta
CR127 (A/B)	Deep Violet/Seritone Violet
CR203	Mid Blue
CR204	Royal Blue
CR225	Ultramarine
CR230 (A/B)	Seritone Blue
CR283	Bright Green
CR325 (A/B)	Seritone Green
CR383	Varnish

(A) = Lead-free Seritone 'A' Base Colour

(A/B) = Lead-free Seritone 'A' and 'B' Base Colour

(B) = Lead Containing Seritone 'B' Base Colour

(T) = Lead Containing Inks

(GS) = Green Shade (YS) = Yellow Shade

(RS) = Red Shade (BS) = Blue Shade

Available in 5 ltr containers.

### Main Characteristics

#### Finish

Gloss

#### Curing

Jet drying: 50°C 20-25 seconds.

Overprints may require longer, although excessive heat should be avoided.

Air drying: 30-45 minutes.

#### Thinning & Wash-up

10-15% ZC521.

Hot shop conditions use ZC529.

High speed printing use ZV556.

Wash-up with Screen Wash Universal or Actisol Superjet Screen Spray.

#### Mesh

90-110 monofilament.

#### Stencil Type

Any type except solvent adhering film & Stenplex Amber.

Recommend:

Indirect or 25/35 micron Capillary Film

Sericol: Dirasol 902, Dirasol 916

#### Coverage & Mesh No.

50-55 m<sup>2</sup>/ltr through No. 90.

#### Applications

Polyolefin sheet, 'Corriflute', 'Corriboard', 'Huntsman Fluted', 'Correx', 'Akylux'.

#### Colour Range

20 including Seritone Matching Systems and 5 fluorescents plus a trichromatic set to DIN/16538/9 (BS4160/4166).

#### Properties

Good screen stability and self-solvency. Excellent adhesion, safe low temperature drying.

#### IMPORTANT:

**Stir well before every use. Corripol CR is specifically designed for use on fluted polyolefin which is corona discharge treated during manufacture. The efficiency of this treatment decreases with age, it is therefore recommended that fresh stock is used. Any contamination of the surface (eg. finger marks) will impair adhesion and water resistance of the finished print. Handling of the print area should be avoided or cotton gloves worn. It is essential that compatibility between ink and material is checked prior to a production run to avoid subsequent adhesion or water resistance problems.**

## Trichromatic Colours

CR052	Trichromatic Yellow
CR135	Trichromatic Magenta
CR215	Trichromatic Cyan
CR004	Trichromatic Black
CR396	Trichromatic Extender base

Available in 5 ltr containers.

## Fluorescent Colours

CR312	Fluorescent Green M
CR053	Fluorescent Yellow L
CR105	Fluorescent Orange M
CR137	Fluorescent Red M
CR139	Fluorescent Magenta M

Available in 5 ltr containers.

## Solvents

ZC521	Thinner
ZC529	Retarder

Available in 15, 5 and 1 ltr containers.

ZV556	Fast Thinner
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Available in 5 ltr containers.

## Universal Tinters

A range of 10 non-fluorescent and 4 fluorescent highly concentrated colour bases for tinting. They are designed to mix easily into Corripol CR inks. Up to 10% may be added. See Product Information Sheet 'Universal Tinters, Metallic Inks and Varnishes'.

## Special Recommendations

Prints of Corripol CR can be affected by extremes of weather conditions, prints should be handled carefully in freezing or damp conditions. Apply self-adhesive decals to prints of Corripol CR in dry conditions only.

## Outdoor Use

Corripol has been developed for outdoor use although there is variation in light fastness between colours.

### Expected Outdoor Life†

3 months maximum - All fluorescent colours.

12 months maximum - CR064, CR066, CR114, CR191, CR041, CR164.

24 months maximum - CR122, CR203, CR204, CR052, CR135, CR215, CR004.

More than 24 months - CR001, CR021, CR165, CR127, CR225, CR230, CR283, CR325, CR383, CR043, CR102, CR121.

† No significant change in colour.

## Special Matches

Matches can be supplied against prints, wet ink samples or to PANTONE®\* references, British Standard, 'HKS', 'Munsell' or 'Seritone' numbers. A sample of the substrate to be printed with the number and type of mesh to be used as well as other relevant data should be attached to orders. Minimum quantity 5 ltr.

## Safety and Handling

Corripol CR:

- Products marked (T) contain lead and therefore should not be used on objects liable to be sucked or chewed by children and may cause harm to the unborn child.
- All other products are formulated free from lead and other heavy metals and therefore should comply to the EN71-3:1988 Toy Safety Standard.

Comprehensive information on the safety and handling of Corripol CR screen inks and solvents is given in the appropriate Sericol Safety Data Sheets, available upon request.

## Environmental Information

Corripol CR:

- Does not contain ozone depleting chemicals as described in the Montreal Convention.

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**SERICOL**  
More than ink...Solutions.

**SYMBOL**

Subotica  
Tel: +381(0) 24 643100  
symbol@symbol.rs

Beograd  
Tel: +381(0) 11 3478262  
www.symbol.rs

**GRAPHIC CENTER**

Zagreb  
Tel: +385(0) 1 2987044

office@graphiccenter.hr  
www.graphiccenter.hr