



# 59000 Series Enamel Plus Gloss Screen Ink



**SUBSTRATES:** METAL, WOOD, MASONITE, GLASS, ANODIZED ALUMINUM, PAPER,

CARDBOARD, SOME PLASTICS

**USES:** OUTDOOR SIGNS & DISPLAYS, NOVELTIES, SYNTHETIC DECALS, PACKAGING CONTAINERS

## Product Information

59000 Series regular and halftone inks have good outdoor durability and dry to an extremely flexible and glossy finish. These inks have excellent adhesion to a great variety of surfaces and are ideal for printing both solid coat-outs as well as fine details.

The regular inks are formulated to be used straight from the container but 59000 Thinning Varnish may be used for thinning if required.

59170 Halftone Clear should be added to the halftone inks to reduce color concentration while maintaining good printing characteristics.

## Application Information

**Drying:** By oxidation. Tack-free dry time is four to six hours. To obtain a tack-free surface, heat set 180° F (82° C) for 30 minutes; 24 to 48 hours for maximum adhesion and chemical resist.

**Opacity:** All colors are opaque except halftone and transparent colors.

**Coverage:** 800 to 1200 square feet per gallon.

**Thinners:** 59000 Thinning Varnish. (Use also to obtain roller-coating consistency.)

**Clears:** Over-printing these inks with 59140 Mixing Clear will produce maximum durability. 59172 Flat Synthetic Coating Varnish and 59135 Gloss Coating Varnish may also be roller-coated and used as a bronzing vehicle.

**Fabrics:** 150 to 280 mesh monofilament. For outdoor exposure use a coarser mesh for maximum ink film thickness.

**Stencils:** All types.

**Wash Up:** 2555 Screen Wash.

**Packaging:** All colors and solvents available in quart and gallon containers. White and Black also available in five gallon containers.

\* These colors are not recommended for outdoor exposure of more than 90 days.

+ Based on information from our suppliers, these products are made from raw materials that contain less than 0.06% lead. If necessary, written certification of lead content and/or other heavy metals can be obtained through an independent laboratory. At time of publication, this line has not been tested in regards to the CONEG toxic packaging legislation.

## Color Range

	59102	Fire Red
+	59104	Bright Red*
+	59204	Bright Red
+	59106	Scarlet Red
+	59111	Black
+	59112	White
+	59114	Medium Brown
	59124	Brilliant Orange*
	59130	Primrose Yellow*
+	59230	Primrose Yellow
	59132	Lemon Yellow*
	59134	Medium Yellow*
+	59234	Medium Yellow
	59142	Emerald Green
	59148	Medium Green
+	59152	Peacock Blue
+	59156	Ultra Blue*
+	59158	Dark Blue
+	59410	Yellow
+	59411	Warm Red
+	59417	Rubine Red
+	59418	Rhodamine Red
+	59422	Reflex Blue
+	59433	Purple
+	59440	Process Blue
+	59441	Green
+	59610	Trans. Primrose Yellow
+	59612	Trans. Medium Yellow
+	59613	Trans. Green
+	59618	Trans. Red
+	59620	Trans. Orange
+	59622	Trans. Blue
+	59628	Trans. Gold
+	59633	Trans. Purple
+	59660	Stop Sign Red
+	59191	Flat Black
+	59192	Flat White
+	59120	Base
+	59135	Gloss Varnish
+	59172	Flat Varnish
+	59000	Thinning Varnish
+	59166	Halftone Black
+	59167	Halftone Blue
+	59168	Halftone Yellow
+	59169	Halftone Magenta
+	59170	Halftone Clear
+	2555	Screen Wash
+	59118	Flattening Paste
+	59122	Super Opaque White
+	59140	Mixing Clear

It is the printer's responsibility to pre-test the ink selected prior to engaging in a production run.