

INKTECH INTERNATIONAL CORP.

GLOSS ENAMEL INK GLE - 0000 SERIES

SUBSTRATES : PAPER, METAL, GLASS, WOOD, MASONITE, TREATED POLYPROPYLENE & POLYETHYLENE (P&P), PRESSURE SENSITIVE MATERIALS.

APPLICATION : OUTDOOR METAL SIGNS & DISPLAYS, LICENSE PLATES, NOVELTIES, PACKAGING CONTAINERS, REFLECTIVE SIGNAGE.

Product Information

A high gloss multi-purpose ink designed for long term outdoor application. Ideal for exterior traffic signs, POP/displays, treated (P&P) containers.

Application Information

Thinning : May be used straight from the can but it is recommended to thin 5% by weight with GLE-1800 Thinner. When more than 5% thinning is required, it is recommended to use GLE-1900 Thinning Varnish to maintain optimum gloss. For maximum lightfastness or outdoor durability, little or no thinning is recommended

Additives : GLE-1700 Clear should only be used to increase transparency of colours . However, this will reduce the durability and lightfastness of the colour . Use a small amount of GLE-1730 Process Clear ink to improve print quality, if required. To prevent ink skinning in can, spray a light mist of GLE-1950 Anti-Skinning Agent on the surface of ink in partially used cans. Repeat whenever ink can is opened for reuse.

Wash-Up : GLE-1800 Thinner
GLE-1840 Wash-Up

Coverage : Approximately 1800 sq.ft./1 U.S. Gallon using a 280/in. monofilament fabric.

Fabric/Stencil : 158 to 280 monofilament fabric . All stencil systems are suitable.

Drying : By oxidation in approximately 1 ½ to 4 hours for over printing or overnight before final stacking. Best rack-drying results are obtained when an ambient temperature is more than 20 °C (68 °F). Prints may be forced dried 15-20 min. in an oven with temperature not exceeding 120 °C (250 °F). Baking at temperatures higher than recommended may cause loss of gloss. To speed drying time under adverse humid or cold weather conditions, add approximately 40-50 grams of GLE-1880 Accelerator to a gallon of ink.

Die Cutting/Creasing : Can be successfully die cut or creased but should be tested prior to production .

Packaging : Inks : 1 U.S. Qt / 0.94 Lt.
1 U.S. Gal. / 3.78 Lt.
Solvents : 1 U.S. Gal. / 3.78 Lt.
5 U.S. Gal. / 19.00 Lt.

CAUTION :

1. It is the printer's responsibility to pre-test the ink selected prior to engaging in a production run .
2. Refer to Material Safety Data Sheet for heavy metal content.

* Based on information received from our suppliers , these colours may contain the deliberate addition of heavy metals . Heavy metal free colours are available on request .

Colour Range

Standard Colours

* GLE-1010	Red #032
* GLE-1020	Fire Red
GLE-1030	Brilliant Red
* GLE-1040	Bright Red
* GLE-1050	Permanent Red
* GLE-1060	Red #185
GLE-1080	Maroon
GLE-1110	Black
GLE-1120	White
GLE-1140	Brown
* GLE-1220	Orange
* GLE-1240	Vermilion
* GLE-1250	Warm Red
* GLE-1300	Primrose Yellow
* GLE-1320	Lemon Yellow
* GLE-1340	Medium Yellow
GLE-1350	Overprint Clear
GLE-1370	Extender Base
* GLE-1420	Emerald Green
* GLE-1450	Forest Green
* GLE-1480	Dark Green
GLE-1520	Opaque Reflex Blue
GLE-1540	Peacock Blue
GLE-1560	Brilliant Blue
GLE-1570	Royal Blue
GLE-1580	Dark Blue
GLE-1620	Purple
GLE-1640	Cerise
GLE-1660	Magenta
GLE-1700	Clear
GLE-2150	Yellow C
GLE-2200	Rubine Red C
* GLE-2250	Orange 021 C
GLE-2300	Rhodamine Red C
* GLE-2350	Red 485 C
GLE-2400	Purple C
GLE-2450	Blue 072 C
GLE-2500	Violet C
GLE-2600	Reflex Blue C
GLE-2700	Process Blue C
GLE-2800	Opaque Green C
GLE-2850	Green C

Transparent Colours

GLE-1090	Transparent Red
GLE-1290	Trans. Medium Yellow
GLE-1390	Trans. Primrose Yellow
GLE-1490	Transparent Green
GLE-1590	Transparent Blue
GLE-1690	Transparent Cerise
GLE-1790	Transparent Orange
GLE-1990	Transparent Purple

Process Colours

GLE-1130	Process Black
GLE-1330	Process Yellow
GLE-1530	Process Blue
GLE-1630	Process Magenta
GLE-1730	Process Clear

Additives

GLE-1880	Accelerator
GLE-1900	Thinning Varnish
GLE-1950	Anti-Skinning Agent

Thinners and Wash Up

GLE-1800	Thinner
GLE-1840	Wash-Up