



# Leaded Effect (LEI)

Two-Part Epoxy Inks

Always test ink on substrate prior to production run. Please refer to the MSDS for safety precautions.

**Description:** A special two-part epoxy screen ink formulated to achieve a three dimensional leaded effect. This can be considered a tremendous advantage over regular lead used in the construction of stained glass. LEI series is a non-leaded product. This ink contains a material that will cause the printed line to raise a small amount when baked.

**Qualities:** • Satin Finish • 3D Leaded Appearance • Excellent Interior Durability

**Substrates:** • Glass • Metals

**Stencil:** Use a Lacquer Proof or Direct Emulsion Film, Photographic, or Water-soluble Hand-cut Stencils

**Coverage:** 400-500 sq/ft. per gallon depending on ink deposit

**Screen:** 65 to 1200 mesh recommended for most applications.

**Mixing:** Mix at a ratio of 4 parts ink to 1 part LEI-03 Catalyst. After mixing, allow to stand for 20 minutes. This amount of time is essential for molecular orientation of the ink.

**Pot Life:** Approximately 2 hours following 20 minute stand time. The larger the mixture, the shorter the life.

**Cure Parameters:** Bake at 300-350 F for 3 to 4 minutes, depending on the size of substrate. It is important that the oven temperature remain stable during curing.

**Die Cutting/Creasing:** Not recommended.

**Additives:** LEI03 Catalyst, LEI48 Flow Additive, LEI94 Thinner, and LEI95 Retarder

**Cleaner:** LEI96 Screen Wash for best results.

**Storage:** Store tightly shut in a cool, dry, and dark place for maximum shelf life for 6-12 months.

**Sizes:** Gallon, 5 Gallon Pail, 30 Gallon Drum, 55 Gallon Drum

## Related Products:

If our current line of colors, finishes, or textures does not meet your needs-  
Contact us today about tailoring a product for you!

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 believe to be accurate. Information is based on technical data which the Seller believes to be reliable, and are intended for use by persons having skill and knowledge, at their own discretion and risk. Seller assumes no responsibility for results obtained or damages incurred from their use by Buyer in whole or in part. Such recommendations, technical advice or services are not to be taken as a license to operate under or intended to suggest infringement of any existing patent. Company policy of continuous product improvement might change the information contained in this product information sheet and users are requested to ensure that they follow current recommendations.

