ADVANCED STENCIL TECHNOLOGY

ULANO®

75 YEARS 1930 - 2005

PRODUCT NEWS

LX-892

Ceramic dual-cure emulsion for use on flat or cylindrical screens

Diazo-photopolymer (dual-cure) emulsion **LX-892** is formulated to produce stencils that are extremely resistant to the pastes and inks used in the ceramics industry, using flat or cylindrical screens. It is particularly suitable for printing floor tiles, single-, double-, or triple-fired glazed tiles, and porcelainized stoneware. It can also be used for many demanding types of work. It is very resistant to water- and solvent-based mediums, and water and solvent blends used in the ceramic industry for direct printing and for printing decals. It can also be used for printing textiles. It has excellent coating properties and durability. It is extremely resistant to abrasion. It holds up very well under shop conditions of high temperatures and ambient humidty.

Thanks to its very high solids content and its medium-high viscosity, it produces stencils of high resolution with excellent definition, providing a superior build up of emulsion with each coating pass, excellent mesh bridging on coarse fabric, as well as rapid drying.

LX-892 can be catalyzed using Hardener Z to obtain screens resistant to longer printing runs. Hardener Z is a solution developed especially to produce a chemical polymerization of the stencil that does not damage screen fabric. Reinforced screens can no longer be reclaimed. Before reinforcement, however, screens can be reclaimed easily using one of the stencil removers manufactured by Ulano: Stencil Remover Nos. 4, 42, 44, or 5.

PRODUCT FEATURES	BENEFITS
High Solids Content (48.6%)	Dries quickly
Medium High Viscosity (10,000 cps)	Rapid buildup of emulsion coats Well defined image edges
Wide Exposure Latitude	Functions reliably under less than ideal shop conditions Excellent resolution
Contains Special Wetting Agents	Excellent coatability Forgiving of poor fabric preparation
Blue Color	Easy see-through registration Easy inspection on white or dyed fabric
Good Storage Properties	In unopened container: 1 year Once sensitized, 4 – 6 weeks in closed container Coated screens (unexposed) : 2 – 4 weeks (stored under dark and dry conditions)

FORMATS

LX-892 is available in 900 ml. and 4.5 liter units. Premeasured bottles of powder diazo sensitizer are included with each unit of emulsion. Hardener Z is available in 1 and 5 liter units.

110 Third Avenue, Brooklyn, NY 11217 • Tel: +1 718 237-4700 • Fax: +1 718 802-1119 • E-mail: ulano@ulano.com
Rütistrasse 17, CH-8952 Schlieren, Switzerland • Tel: +41 44 755 44 77 • Fax: +41 44 773 16 06 • E-mail: ulanoeurope@ulano.com

#0233-9/05-1M-SB/EG