LUMILOR® PRO DIELECTRIC

DESCRIPTION AND USES

LumiLor® Pro Dielectric is compatible with most automotive enamels as well as catalyzed clear coats. For best results use Lumilor Pro Dielectric with LumiLor Pro System.

LumiLor Pro Dielectric can be applied to properly prepared, primed, and OEM grade clear coat to include but not limited to plastic, wood, metal, fiberglass, and carbon fiber.

PRODUCTS

SKU	DESCRIPTION
308026	8 Ounce Bottle
321184	4 Ounce Bottle

COMPANION PRODUCTS

- LumiLor Pro Backplane
- LumiLor Pro LumiColors
- LumiLor Pro Conductive Top Coat

APPLICATION

IMPORTANT: Read Application Instruction Guide completely before starting your project.

SURFACE PREPARATION

LumiLor Pro Backplane layer must first be prepped according to the Application Guide Instructions before applying LumiLor Pro Dielectric.

APPLICATION (cont.)

APPLICATION

Recommended application when air and surface temperatures are between 60-85°F (16-29°C), surface temperature is at least 5°F above dew point and relative humidity is below 60%.

Contents are premixed and ready to use. Thoroughly hand shake before use. Use only glass or plastic stirrer if needed. Strain with 120 or 125 micron filter.

SPRAY: Spray application should be performed with an HVLP sprayer at 20-25 psi. Each pass should have 50 to 75% overlap. Contents should be constantly agitated in spray gun cup during application. *Outline the perimeter of the Backplane on first coat to ensure a thicker film at the edge minimizing the risk of any burnouts when the Conductive Top Coat is applied, followed by 2 medium cross coats.

NOTE: Unused material should be poured back in to original canister after thoroughly agitated.

DRY AND RECOAT TIMES

Based on 70°F (21°C) 50% relative humidity. Allow more time at cooler temperatures. Dries to the touch in 30 minutes, may be recoated in 30 minutes and full cure in 7days. Do not exceed 72 hours between LumiLor Pro System layers.

CLEAN UP

Clean up drips or spatters IMMEDIATELY with ethanol or acetone. Properly dispose of all soiled rags. Follow spray gun manufacturer's instructions for cleaning equipment.

*Refer to Application Instruction Guide for application tips.

Form: ARJ-1600
Rev.: 042318

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PHYSICAL PROPERTIES

		LUMILOR PRO DIELECTRIC
Resin Type		Acrylic
Pigment Type		Barium Titanate
Solvents		Chloro-Flurobenzene
Weight	**Per Gallon**	12.71 lbs.
	Per Liter	1.52 kg
Solids	**By Weight**	35%
	By Volume	19%
Volatile Organic Compounds		<250 g/l
Recommended Dry Film Thickness (DFT) per Coat		1-2 mils
Practical Coverage @ Recommended DFT		4.7 sq.ft. per 4 ounce bottle 9.4 sq.ft. per 8 ounce bottle
Practical Coverage Based on Illuminated Area		2-3 sq.ft. per 4 ounce kit 5-6 sq.ft. per 8 ounce kit
Dry Times at 70°F (21ºC) and 50% Relative Humidity	**Touch**	30 minutes
	To Tape	1 hour
	Recoat	30 minutes
	Full Cure	7 days
Shelf Life		1 year
Flash Point		80°F
Safety Information		For additional information, see SDS

Calculated values are shown and may vary from the actual manufactured material.

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