



DECO-COAT DC-2501R EPOXY RESIN

DESCRIPTION:

Deco-Coat 2501 Resin is a two component high gloss epoxy resin that forms a hard enamel like finish. This versatile coating is a liquid resin that is safe and easy to use. It does not contain any solvents or offensive odors. DC-2501R is also available in low viscosity (DC-2501R LV).

Deco-Coat 2501 Resin forms a tough, durable coating that is impervious to moisture, solvents, and cosmetics. These unique coatings are formulated for maximum durability and aesthetic appeal. They can be air dried at room temperature or baked to form a "bubble free" finish without any blushing or surface imperfections.

Deco-Coat 2501 Resins exhibit excellent adhesion to a variety of substrates including plated metals, glass, plastics, wood, concrete, fabric, etc...

DC-2501 Resins are available in clear and an unlimited assortment of opaque and transparent colors. We also offer pearlescence, metallic, and glitter finishes.

APPLICATIONS:

- Epoxy finish for costume and fashion jewelry
- Rigid bubble coatings on decals, labels, emblems, and lapel pins
- Color fill lapel pins, emblems, key tags, plaques, and insignias
- Coat wooden floors and tables
- Decoupage coating on veneer, cypress or other woods

PROPERTIES:

Mix ratio, by weight	2:1
DC-2501 standard viscosity, 25 °C, cps	
Resin	9,500
Mixed (DC-890C)	2,600
DC-2501 low viscosity, 25 °C, cps	
Resin	6,000
Mixed (DC-890C)	1,000
Specific gravity, 25 °C	
DC-2501R & DC-2501R LV	1.15
DC-890C Hardener	.95
Hardness, Shore D,	85



DECO-COAT CURING AGENTS:

<u>HARDENER</u>	<u>WORKING TIME 100 GRAM MASS</u>	<u>VISCOSITY CPS @ 25 °C</u>	<u>DESCRIPTIONS AND APPLICATIONS</u>
890 C	1 HOUR	60 CPS	VERY LOW VISCOSITY. EXCELLENT FOR CAVITIES, FLAT WORK, & "BUBBLE COATINGS." 24 HOUR CURE AT ROOM TEMPERATURE, 8-9 HOURS AT 80°-90°F, 4-5 HOUR CURE AT 100°-110°F.
790 C	1 1/2 HOURS	60 CPS	SAME GENERAL PROPERTIES AS 890C. HAS A LONGER WORKING TIME AND SLIGHTLY SLOWER CURE SCHEDULE.
919 C	30 MINUTES	70 CPS	FASTER CURING VERSION OF 890C. HAS A SHORTER WORKING TIME. CURE AT ROOM TEMPERATURE IN 12 HOURS OR AT 80°-90°F FOR 4-5 HOURS.
910 C	30 MINUTES	90 CPS	LOW VISCOSITY. USED FOR FILLING CAVITIES, BUCKLES AND "BUBBLE COATINGS." DESIGNED SPECIFICALLY FOR ROOM TEMPERATURE CURING.
899 C	1 HOUR	400 CPS	SLIGHTLY THIXOTROPIC. FORMULATED FOR SLIGHT TO MODERATE DOMING APPLICATIONS. VISCOSITY MAY BE INCREASED WITH 997 ACTIVATOR DROPS.
894 C	1 HOUR	600 CPS	MOST POPULAR THIXOTROPIC HARDENER!! EXCELLENT FOR BUBBLE FREE FINISHES ON CURVED SURFACES AND FOR DOMING. MAY BE USED WITH 997 ACTIVATOR DROPS TO INCREASE VISCOSITY. CURE AT ROOM TEMPERATURE FOR 24 HOURS OR CURE AT 80°-90° F FOR 8-9 HOURS.
794 C	1 1/2-2 HOURS	600 CPS	SAME GENERAL PROPERTIES AS 894 C. HAS A LONGER WORKING TIME AND SLOWER CURE SCHEDULE.
895 C	1 HOUR	GEL	NON-SAG GEL CONSISTENCY HARDENER. BUBBLE- FREE FINISHES ON DOMED AND CURVED SURFACES. CURE AT ROOM TEMPERATURE 24 HOURS OR CURE AT 80°-90°F FOR 8-9 HOURS.
795 C	1 1/2 - 2 HOURS	GEL	SAME GENERAL PROPERTIES AS 895 C. HAS A LONGER WORKING TIME AND SLOWER CURE SCHEDULE.



INSTRUCTIONS FOR USE:

1. By weight, mix 2 parts clear or pigmented DECO-COAT EPOXY RESIN to 1 part DECO-COAT CURING AGENT.
2. Mix thoroughly and uniformly. Be careful not to whip air into epoxy when mixing. Scrape the bottom and sides of the mixing container.
3. DECO-COAT 997 Activator Drops can be added when using select curing agents. This will thicken the system for curved or domed surfaces.
4. Dispense epoxy pneumatically or with squeeze bottles. See Deco-Coat's "Dispensing & Supplies Data Bulletin."
5. Let epoxy coating air dry at room temperature or accelerate with mild heat, 80°-110°F.

AVAILABILITY:

Deco-Coat 2501 Epoxy Resins and Curing Agents are available in 1 gallon, 2 gallon, 5 gallon pails, and 55 gallon drums.

IMPORTANT:

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