

# Perfecoat

## LV-5000 LOW VOC CLEARCOAT 2:1

### DESCRIPTION:

Perfecoat LV-5000 Low VOC clearcoat 2:1 is high solid double pack clear coat with fast drying and deep rich gloss, offers excellent chemical resistance and excellent color and gloss protective power, suitable for overall car refinishing.

### COMPONENTS:

LV-5000	Low VOC clearcoat 2:1
LV-5001	Fast Activator <65°F
LV-5002	Standard Activator 65-86°F
LV-5003	Slow Activator >86°F

### SUBSTRATES:

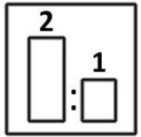
1K basecoat surface, clean the dust and particles with tack cloth.

### SURFACE PREPARATION:



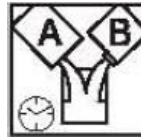
Remove wax, silicon or other contaminations with 3910 degreaser.

### MIX RATIO:



LV-5000	2 parts
LV-5001/5002/5003	1 part

### POT LIFE:

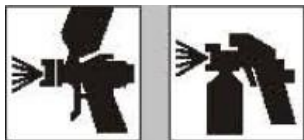


2-3 hours @ 74°F with LV-5002.

### Application Viscosity:

16-18s (DIN Cup 4 at 74°F)

### APPLICATION:



### Spray gun set up:

RP:	1.3mm	2.0-2.5 bar
HVLP:	1.3mm	1.8-2.0 bar

Please refer to gun manufacturer for proper spray pressure recommendations.



### Coats & Thickness:

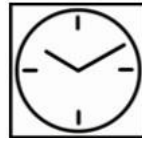
2-3 coats, 40-60 um

**Flash off time:** 5-10 mins.

between coats @ 74°F,  
allow 15-20 mins

purge time before baking.

### DRY TIME:



@ 74°F

Tack free: 60 minutes

Dry to handle: 3 hours

@ 140°F

Tack free: 15 minutes

Dry to handle: 40 minutes

### Re-application

If there are particles or runs after spray, wet sand the affected area with P2000 sand paper after thorough drying, then polish to solve the problem.



### CLEARNING:

Clean equipment immediately after application with gun cleaner, or lacquer thinner application.

### Note:

- When ambient temperature is lower than 41°F, to fast the film drying time, allow a full bake at 140°F.
- Thinner should be added with Retarder Solvent at temperature higher than 86°F. Details please refer to the technical data sheet of Retarder Solvent.
- In the event of fisheyes during application, add 0.5-1% Anti Silicon in the paint remained and re-spray the affected area.
- The products mixed with activator should be used up as soon as possible.
- Shelf Life: 2 years in original sealed can in cool and dry place at 41-95°F.

### PHYSICAL DATA:

VOC(g/L): 250

### FOR PROFESSIONAL USE ONLY

#### Read MSDS Before Use

**NOTE:** The information in this data sheet is based on our knowledge and the current laws. It is always the responsibility of the user to fulfill the requirements of local rules and legislation. The uncertain factors may affect the application of products, such as the condition of substrate. We do not accept any liability on loss, damage and performance of products unless we issue a special agreement. Always read the latest Material Data Sheet and the Technical Data sheet before applying the products.